

19980217.qrp v01_n004.qrs.980217

Date: Tue, 17 Feb 1998 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1004

QRP-L Digest 1004

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- 1) [3993] SST lo-power?
by dave_epps@juno.com
- 2) [3994] RE: K0FRP Contest Handicap
by Andreas Junge <andreas@atltech.com>
- 3) [3995] RE: Removing nail polish from toroids?
by tracy@orlando.com (Tracy)
- 4) [3996] Re: K0FRP Contest Handicap
by K0su@kktv.com
- 5) [3997] AR QRP 80 meter net a wash out
by Mike Duke <K5xu@cris.com>
- 6) [3998] Fox bagged!
by n4js@pobox.com
- 7) [3999] N/T+ Fox 2/18/98
by Shephed@aol.com
- 8) [4000] CW mod kit
by "JUNIUS B FOX" <w5hir@gte.net>
- 9) [4001] W5FN Fox On - nice, steady signal!
by kb9iua@juno.com (Kevin L Anderson)
- 10) [4002] Pond House QRP Gathering
by Paul Stroud <aa4xx@ipass.net>
- 11) [4003] Re: FOX TONIGHT!!
by Ed <edn4pk@VoyagerOnline.net>
- 12) [4004] Test
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 13) [4005] fox spot
by "tom palmer" <n1tp@worldnet.att.net>
- 14) [4006] Freq. Allocation Chart
by "Rod Logsdon" <bike4life@bikerider.com>
- 15) [4007] nwqrp net - 10.123
by af852@rgfn.epcc.Edu (William R Colbert)
- 16) [4008] Re: Freq. Allocation Chart
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 17) [4009] Re: Freq. Allocation Chart
by "Walter Dufrain" <walter@inlink.com>
- 18) [4010] qrpttrf report (long)
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 19) [4011] Re: W5FN Fox

- by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 20) [4012] Re: qrpttrf report (long)
by N9DD@aol.com
- 21) [4013] Introduction
by cdavis@unlinfo.unl.edu (Charles Davis)
- 22) [4014] Re: The NorCal Version of the Herring Aid 5 LIVES!!
by Lynn Simons <lsimons1@ix.netcom.com>
- 23) [4015] FOX TONIGHT!!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 24) [4016] Dead Fox!
by "Tim Ahrens" <tahrens@inetport.com>
- 25) [4017] Re: elmer101: rf probe
by Leon Heller <leon@lfheller.demon.co.uk>
- 26) [4018] CQC Winter QSO Party Rules
by "Marshall Emm" <mgemm@mtechnologies.com>
- 27) [4019] Re: Knightlite SMiTe
by GERALDCUND@aol.com
- 28) [4020] More Comments on ZM-2
by "John A. Evans - N0HJ" <jaevas@codenet.net>
- 29) [4021] RF probe question
by "Wayne Barnhart" <wb7whi@triax.com>
- 30) [4022] Battery Low level Indicator
by John Reynolds <d2250077@infotrade.co.uk>
- 31) [4023] Re: bipolar steppers
by "S. Lee" <slee@u.washington.edu>
- 32) [4024] "WTD" maybe = "Want To Dump" ? hee hee hee
by W7LS <w7ls@blarg.net>
- 33) [4025] Simple (re)1st Project
by Jim Fielden <fielden@utkux.utcc.utk.edu>
- 34) [4026] C6A DXpedition (K4PG & N4BP)
by Bob Patten <n4bp@bc.seflin.org>
- 35) [4027] No pelt at WB8RCR tonite
by "John J. McDonough" <jjmcd@mdn.net>
- 36) [4028] Low profile DxPedition
by "Mike Rioux" <mrioux@iname.com>
- 37) [4029] Re: Simple (re)1st Project
by LYN WILLIAMS <designserv@ipass.net>
- 38) [4030] Re: Simple (re)1st Project
by GERALDCUND@aol.com
- 39) [4031] RE: Digi 'stuff'
by gregoire@endor.com
- 40) [4032] RE: Digi 'stuff'
by Bob Hightower <ki7mn@dancris.com>
- 41) [4033] RE: jamming
by gregoire@endor.com
- 42) [4034] RE: Digi 'stuff'
by gregoire@endor.com
- 43) [4035] thanks

by rspenc@creighton.edu
44) [4036] 9M0C w/QRP
by Monte Stark <ku7y@sage.dri.edu>
45) [4037] QRP CW in SSB sub bands!
by jdenison@morelr.com (JOEL DENISON)
46) [4038] Oscillator problem
by Bill Risch <brisch@mn.uswest.net>
47) [4039] RTTY
by marion@montana.com
48) [4040] 2M or 6M QRP, which one?
by madams@facilities.buffalo.edu (Adams, Mark)
49) [4041] Houston QRP Club Meeting
by Ed Manuel <n5em@flash.net>
50) [4042] Cool Down Please
by Bill Jones <kd7s@psnw.com>
51) [4043] Re: Introduction
by Lynn Simons <lsimons1@ix.netcom.com>
52) [4044] CW on SSB Bands
by "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>
53) [4045] for sell
by wd4nak@juno.com
54) [4046] Re: Cool Down Please
by Monte Stark <ku7y@sage.dri.edu>
55) [4047] rf probe
by "Claton Cadmus" <aplitech@spacestar.net>
56) [4048] Fox log 13 Feb final
by "Michael A. Gipe" <mgipe@reliablemeters.com>
57) [4049] Re: Cool Down Please
by Laura Halliday <ve7ldh@direct.ca>
58) [4050] RE: Radio Shack Freq Counter - Help Please
by Jeff Grudin <grudin@pacific.vdbs.com>
59) [4051] Re: 2M or 6M QRP, which one?
by Dave Sjolin <sjolin@swbell.net>
60) [4052] Re: RTTY
by "Claton Cadmus" <aplitech@spacestar.net>
61) [4053] Elmer and Simpson 260
by "Richard E. Robinson" <rerobins@newmail.uncc.edu>
62) [4054] Re: Cool Down Please
by Dave Sjolin <sjolin@swbell.net>
63) [4055] CQC Swap List
by "Marshall Emm" <mgemm@mtechnologies.com>
64) [4056] Re: Digi 'stuff'
by dave_epps@juno.com
65) [4057] Re: RF probe question
by dave_epps@juno.com
66) [4058] Re: rf probe
by "Claton Cadmus" <aplitech@spacestar.net>
67) [4059] Re: RTTY

by k8cv@juno.com

68) [4060] [Fwd: Antenna tuners FS]
by "Howard M. Sherer" <howardsh@ptdprolog.net>

69) [4061] Re: jamming
by "Earl S. Mead" <k6esmead@pacbell.net>

70) [4062] Binocular toroid winding
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>

71) [4063] Re: C6A DXpedition (K4PG & N4BP)
by Bob Patten <n4bp@bc.seflin.org>

72) [4064] Re: RTTY
by Dave Sjolín <sjolin@swbell.net>

73) [4065] RTTY
by AlK0FRP@aol.com

74) [4066] Re: Cool Down Please
by Norm Melick <henmel@postoffice.worldnet.att.net>

75) [4067] Re: C6A DXpedition (K4PG & N4BP)
by Bob Patten <n4bp@bc.seflin.org>

76) [4068] Re: QRP in the Mountains...
by Steve Galchutt <n0tu@webaccess.net>

77) [4069] Norcal Sierra Lives!! (long)
by Steve Galchutt <n0tu@webaccess.net>

78) [4070] FOX: W5FN and SMiTe stuff
by Nick Franco <kf2ph@bnl.gov>

79) [4071] QRP DX!!!
by Lynn Simons <lsimons1@ix.netcom.com>

80) [4072] Re: 2M or 6M QRP, which one?
by Lynn Simons <lsimons1@ix.netcom.com>

81) [4073] Re: RTTY
by Dave Sjolín <sjolin@swbell.net>

82) [4074] Re: Cool Down Please
by KC5TJA <kc5tja@topaz.axisinternet.com>

83) [4075] FS: Tejas Kits
by K5BDZ@aol.com

84) [4076] Re: Cool Down Please
by KC5TJA <kc5tja@topaz.axisinternet.com>

85) [4077] FS: Timewave DSP-59
by K5BDZ@aol.com

86) [4078] QRP DX!!! - and 12 meters, too!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

87) [4079] LDG Cabinets?
by "Brian K. Short" <shortckt@primenet.com>

88) [4080] Re: Oscillator problem
by Paul Harden <pharden@aoc.nrao.edu>

89) [4081] That was close...
by Andy Fox <foxes@theriver.com>

90) [4082] unbuilt ohr scaf for sale
by siegrist@rock.enet.dec.com (Dave Siegrist d225-6493)

91) [4083] Re: 2M or 6M QRP, which one?

by Phil <k6ls@prolynx.com>
92) [4084] Re: Elmer and Simpson 260
by Phil <k6ls@prolynx.com>
93) [4085] Re: Elmer and Simpson 260
by "Ron Smith" <resmith@primenet.com>
94) [4086] Re: That was close...
by Ed Manuel <n5em@flash.net>
95) [4087] Hawaii on 40
by Steve Bornstein <sabornis@freenet.columbus.oh.us>
96) [4088] My Surprise
by Barbara Spencer <bspencer@tcjc.cc.tx.us>
97) [4089] Re: My Surprise
by Joe Gervais <vole@primenet.com>
98) [4090] N/T+ Fox from HI
by DENNISMO@aol.com
99) [4091] RE: Binocular toroid winding
by tracy@orlando.com (Tracy)
100) [4092] Important Dayton Info
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
101) [4093] RE: That was close...
by tracy@orlando.com (Tracy)
102) [4094] New QRP Radio
by AlK0FRP@aol.com
103) [4095] Need computer cw EXPERT ADVICE
by jdenison@morelr.com (JOEL DENISON)
104) [4096] RS #22-305 Freq Counter ?
by Conrad <radman@best.com>
105) [4097] Source of RF Propagation Charts?
by W2MY & W2MBY <n2mnn@spacegate.com>
106) [4098] Re: Need computer cw EXPERT ADVICE
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
107) [4099] Re: Binocular toroid winding
by Ed Loranger <we6w@qsl.net>

Date: Mon, 16 Feb 1998 16:36:40 -0800
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [3993] SST lo-power?
Message-ID: <19980216.163711.8942.3.dave_epps@juno.com>

I just completed my WM-2 so that I could tune my newly-built SST-40.
Seems it only puts out 300 milliwatts. Am sure some of you have ran into
the same problem. Help!
I am in the process of building a r.f. probe and I just bought an old
vtvm
so hopefully, can see where the problem is.

Any help appreciated.
 tk5 dave ab5pc fresno, ca.

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 16 Feb 1998 16:56:38 -0800
From: Andreas Junge <andreas@atltech.com>
To: qrp-l@Lehigh.EDU
Subject: [3994] RE: K0FRP Contest Handicap
Message-ID: <01BD3AFB.D990CDF0.andreas@atltech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

> Can't pull these crystals much so will be on 7.039, 7.040 7.042 and 14.062.
> Have no crystals for 15m unless I try 21.093 3x 7.031 a bit high???
>
You are almost in the Novice section of the 15 Meter band ! See you there.

72,

Andreas, KF6NEB

Date: Mon, 16 Feb 1998 20:15:32 -0500
From: tracy@orlando.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [3995] RE: Removing nail polish from toroids?
Message-ID: <01BD3B17.D691AE00.tracy@orlando.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

T-44-7 cores are fairly inexpensive. You can get all you want (or as few as you need) at
www.bytemark.com/amidon , or call me at 800-679-3184.

Mention this note, or reference credit #41B, and we'll give you 10% off.

I wouldn't recommend using solvents, tho. Ferrite cores (most of them) aren't affected by moisture, but (some) powdered iron cores can be, if you remove their coating.

Tracy Markham, N4LGH
ByteMark / Amidon
#1453

-----Original Message-----

From: Rick Arzadon [SMTP:wa8rxi@juno.com]
Sent: Monday, February 16, 1998 2:40 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Removing nail polish from toroids?

Scott,
My method was to CAREFULLY remove the coil (L-114) and unwind, clean toroid and rewind.
Also, polystyrene Caps (C-200) don't like nail-polish all that well. I had to replace it because of my overuse of the clear polish...

72, Rick Arzadon - WA8RXI Taylor, MI.
[QRP-L #1368][ARCI #9050][MI-QRP #587]

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Or call Juno at (800) 654-JUNO [654-5866]

Date: 16 Feb 1998 18:23:28 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [3996] Re: K0FRP Contest Handicap
Message-ID: <199802170119.UAA38162@nss4.cc.Lehigh.EDU>

Al, I will be looking for you in the CQC Winter Sprint. Sure hope there are lots of folks on.

73,
Rick

K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: Mon, 16 Feb 1998 21:15:24 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3997] AR QRP 80 meter net a wash out
Message-ID: <Pine.SUN.3.96.980216211432.10705F-1000000@mariner.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tried to check in, but raining cats, dogs, and qrn big time in Mississippi. Maybe next week.

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

Date: Mon, 16 Feb 1998 21:12:04 -0500 (EST)
From: n4js@pobox.com
To: qrp-l@Lehigh.EDU
Subject: [3998] Fox bagged!
Message-ID: <XFMail.980216211204.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Finally I was home for a fox! (Will be home tomorrow night, too.) Got Tim on second call at 0210. Not a big pack tonight (yet). On the GQ40, showing about 7043.4.

Got him with the GAP vertical, too.

Sent at 21:12:04 on 16-Feb-98

John L. Sielke	n4js@amsat.org	n4js@pobox.com
n4js@qsl.net	NJ Grid:FM29LN	
http://www.qsl.net/n4js		
NJ-QRP #57 QRP-L #884		
QRP-ARCI	CQC #443	CQrp #50 AKQrp ARQrp

NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Mon, 16 Feb 1998 21:18:11 EST
From: Shepherd@aol.com
To: qrp-1@Lehigh.EDU
Subject: [3999] N/T+ Fox 2/18/98
Message-ID: <4ce21560.34e8f366@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I will be running my last N/T+ Fox hunt on 2/18/98 at 0000Z to 0200Z, that's this Tuesday night at 7:00 to 9:00 EST. This is my last scheduled hunt as a N/T+ Fox. I will work around 7.140+/- at 5 Watts, rig is a Yaesu FT-101EX into a Hygain vertical.

This will be your last chance to get me as a N/T+.

72, 73
Dan, N8VZU/AG
QRP-L #1404

Date: Mon, 16 Feb 1998 20:21:15 -0600
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-1@Lehigh.EDU>
Subject: [4000] CW mod kit
Message-ID: <01bd3b4a\$b92d14c0\$996afed0@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I ran a post some time ago about wanting to purchase a cw mod kit for the MFJ 9420 rig. I got a response, and then had to leave town. Since that time, I can't find the response at all. Anyway, if anyone out there has a cw mod kit for that MFJ rig, please let me know, and how much you want for it..

regards,

Foxy w5hir@gte.net

If it ain't broke, don't mess with it!

Date: Mon, 16 Feb 1998 21:27:37 EST
From: kb9iua@juno.com (Kevin L Anderson)
To: qrp-l@Lehigh.EDU
Subject: [4001] W5FN Fox On - nice, steady signal!
Message-ID: <19980216.202809.7831.0.kb9iua@juno.com>

Usually I'm on the entire two hours trying to work the fox, either 'cause I can't hear em or I am trying to break the pileup to no avail.

Well, Tim is on 0214 UTC with an S5 to S7 signal into Illinois. Got him on my third call, despite the bunch of static in the air (it is lightly raining in Illinios). Go for him and have fun! QRG is 7.044 +/-.

Hot Diggity :-). Thanks, Tim (sorry if my clumsiness slowed you up).

Cheers/73. Kevin

Kevin Anderson, KB9IUA, Rock Island IL USA
kb9iua@juno.com or Kevin.L.Anderson@usace.army.mil

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Date: Mon, 16 Feb 1998 21:45:25 -0500
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>
Cc: QRP-L <QRP-L@Lehigh.EDU>
Subject: [4002] Pond House QRP Gathering
Message-ID: <34E8F9C5.290A7D7A@ipass.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

This is a reminder of the Pond House QRP Gathering sponsored by the Grand Strand QRP Society. QRP'ers and their families from NC and SC will be sharing in the fun and fellowship on Saturday, February 28th at the Pond House QTH of Richard Booth, AB4LG. Richard's QTH is located near Conway, SC. We invite you to consider joining us.

If you would be interested in coming, please contact Richard at: ab4lg@scccoast.net for a map and further directions. General questions about the gathering from NC/VA area QRP'ers may be directed to aa4xx@amsat.org.

Carpooling will be available from the Raleigh area. Please contact me for details on that. At this time, the following KnightLites are planning on attending the gathering:

Derek	WF4I	Greensboro,	NC	
JP	AB4PP	Raleigh,	NC	
Randy	WF4I	Summerville,	SC	
Todd	KE4ALG	Raleigh,	NC	
Dave	WA4NID	Durham,	NC	(& family)
John	WB4OFT	Advance,	NC	(& family)
Lyn	W4WDN	Willow Springs,	NC	(& wife)
Paul	AA4XX	Raleigh,	NC	

A number of Grand Stranders will be meeting us at the Pond House, so it should be quite a get-together. Be sure to bring your QRP show-and-tell goodies for the Gang to see.

Please note that a number of XYL's will be attending and several children will be coming--this being a family affair. BBQ sandwiches will be served for lunch, courtesy of our host, AB4LG, so we need to let the SC Gang know approximately how many folks to expect.

For those who are coming, do let us know your travel plans so we can arrange carpooling for those who wish to ride together. The drive takes about 3-1/2 hours from Raleigh.

You will find the Grand Stranders to be a most accommodating group--a lot of fun to be around. We hope to see you there!

72,

Paul AA4XX (919) 779-1637

Date: Mon, 16 Feb 1998 21:46:53 -0500
From: Ed <edn4pk@VoyagerOnline.net>
To: tahrens@inetport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4003] Re: FOX TONIGHT!!
Message-ID: <34E8FA1D.AFA16084@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gotcha....tnx a bunch.....great job and a true 599.....
72/73....Ed N4PK
CW from beautiful downtown Chickamauga

Date: Mon, 16 Feb 1998 19:46:59 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [4004] Test
Message-ID: <Pine.LNX.3.96.980216194630.12685A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a test message to see if my ability to post has been retained...
:-) Please let me know, via e-mail, if you receive this.

Thanks.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Chief Architect and Project Founder
QRP-L #1447		

Date: Mon, 16 Feb 1998 09:29:18 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [4005] fox spot
Message-ID: <19980217022828.AAA18066@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

The Fox, Tim, W5FN, in Austin, TX. now on 7.043.70 with impressive signal here in Naples, FL. 72, Tom, N1TP.

Date: Mon, 16 Feb 1998 21:03:17 +0000
From: "Rod Logsdon" <bike4life@bikerider.com>
To: qrp-l@Lehigh.EDU
Subject: [4006] Freq. Allocation Chart
Message-ID: <19980217025549.BVYC24024@[206.141.216.186]>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi gang,

Check out <http://www.omega.com>, they have a nice US Frequency Allocation chart they are giving away. This is not just Amateur Frequencies, it covers all services and all freqs. The price is right ... FREE!

72/73 de Rod Logsdon ... WK9T
Carol Stream, IL
QRP-L # 616 ARS # 153
E-mail: bike4life@bikerider.com

Date: Mon, 16 Feb 98 20:11:52 MST
From: af852@rgfn.epcc.Edu (William R Colbert)
To: nwqrp@scn.org, qrp-l@Lehigh.EDU
Subject: [4007] nwqrp net - 10.123
Message-ID: <9802170311.AA23211@rgfn.epcc.Edu>

Well, had a nice little net tonight (10.123 at 0200) with Brian -W7DFO ncs, John W7KJ, Roy W6EMT and W5XE. Was a couple of digi's bracketing the freq but as we persisted, they left us in peace. An added pleasure was HR6/KA20IG giving me a call. Nice qso with all of the above and with Kris. Kris said to qsp 73 to W7DFO, W7KJ and W6EMT, who I think he was copying, but

I am not sure if it was solid copy. So gang, Monday's if you are so inclined at 0200, try the NW QRP net on 10.123, and in the meantime, listen for and qso Kris HR6/KA20IG.

73 Ray

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzdn.com)

Date: Mon, 16 Feb 1998 20:26:56 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Rod Logsdon <bike4life@bikerider.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4008] Re: Freq. Allocation Chart
Message-ID: <Pine.LNX.3.96.980216201759.13050A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Check out <http://www.omega.com>, they have a nice US Frequency
> Allocation chart they are giving away. This is not just Amateur
> Frequencies, it covers all services and all freqs. The price is right
> ... FREE!

I tried ordering the freq chart, and I get "Can't open the web site"
errors all over the place. I will try again tomorrow though...

WARNING: It's a plot by evil OMEGA employees to get you on a mailing
list, however.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Chief Architect and Project Founder
QRP-L #1447		

Date: Mon, 16 Feb 1998 21:38:26 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <bike4life@bikerider.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4009] Re: Freq. Allocation Chart

Message-ID: <199802170340.VAA24208@thor.inlink.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Thanks Rod, its a nice chart, just ordered it.

Walter AG5P Wright City, Missouri

C W the Cerebral Wavelength

> Check out <http://www.omega.com>, they have a nice US Frequency
> Allocation chart they are giving away. This is not just Amateur
> Frequencies, it covers all services and all freqs. The price is right
> ... FREE!

Date: Mon, 16 Feb 98 17:39:29 HST

From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)

To: qrp-l@Lehigh.EDU

Subject: [4010] qrp-ttrf report (long)

Message-ID: <9802170339.AA19055@krypton.nmr.Hawaii.Edu>

QRPTTRF; QRP To The Rain Forest; February 13, 14 and 15th

Our camping trip was fun and educational. We arrived Friday just at local solar noon at Ho'omaluhia Botanical Garden and Park on the windward side of Oahu Island, State of Hawaii, grid BL11.

There was only two of us, but we both set up rigs and antennas. I had a new tent based on last year's field day experience. I packed the rig and accessories in an old Jensen tool case (like a fat brief case) and after unpacking, I used the case as a "table" for the rig. The tent was a dome version, only about 7 feet across with a hex base. It was comfortable to sit up in crosslegged. The rig went on one side, the other stuff on the other side, and the sleeping mat went down the center. The first night I did not sleep well because I had trouble figuring out how to fit! The box said "sleeps three", and I was thinking they must have some very tiny "three people" in mind, or one standard adult folded three times.

But the second night a bit of rearranging and adapting, and a much smaller pillow and I was able to fit nicely and slept well. In all it was a great setup. The rig was always ready to go, protected from

the elements and right next to the "bed". For one person and a rig it was a very nice setup. My camping buddy went for the tarp over the picnic table and sleeping tent setup. The tent station was better protected, nice since if it was not raining at night, there was a very heavy dew coming down almost like rain.

When we arrived it was immediately obvious that the tent should go IN THE SHADE! A tree was selected to provide shade all day long and the door was faced to catch the trade winds. The ground appeared dry until one knelt on it and then you had wet knees. So a heavy duty ground cloth was required. Temps ranged from mid 80's to mid 60's at night. Humidity was high to extreme.

The rig included an Alinco DX70t with the internal switch set to half power (5 and 50 watts output) run at 5 watts, a huge battery, an MFJ memory keyer/keyboard (493) unit, an MFJ QRP portable tuner and a DSP 59+ signal processor. I loved using the keyboard to send CW since I had to switch between notebook and keyboard, the buffer would allow me to finish my transmission, put down the keyboard, pick up the notebook and be ready when the keyer got to the end of the buffer. The DSP unit was essential and was used constantly to make ESP level signals jump right out of the noise. I cannot say much for the Alinco's native filters.

There was a large storm in the Pacific between us and California and static crashes were heavy on all bands tried, 80-15 meters. There was not much rain in our "rain forest" especially the second night. El Nino is shuttling OUR rain to California and we would like some of it back, things are getting too dry.

I used two antennas. One I call the "Stake Stick". It is just a Radio Shack CB mounting afixed to one foot of 1/2 inch aluminum rod which is sharpened on one end for shoving into the ground. >From this fitting extend 16 radials each 10 feet long. I was anxious to test the theory that radials did not have to be longer than the antenna is tall, nor resonant. Into this screwed a standard Hustler whip and resonantor. This tuned up well on most bands, best on 30 meters. It was used to check into the Hawaii Afternoon 40 SSB net on Friday with good signal reports. I was not blowing any socks off, but was easy copy around the state. This was used for all contacts on 30,20 and 15 meters and seemed to work quite well on 15 meters, the one band where I have the extra large version of the resonator.

The second antenna was a modified SLV. I have the fantastic 80 meter coil by Vern. I added a four foot length of PVC pipe with two runs of 1/4 inch copper braid from end to end in a two turn spiral to keep the braid tight up against the PVC pipe.

This used a one foot diameter aluminum plate under it, the spike was drilled and tapped and fastened to the plate, the plate had three more tent stakes each drilled and tapped on the top and all connected with 1/4 inch copper braid. On top of each of the three tent stakes was a set of eight radials each 25 feet long made from 24 gauge insulated wire (total of 24). A single woman's hair pin about six inches from the end of each radial, pushed down over it, kept the radials straight and well behaved on the ground.

The antenna was about 25 feet tall and had a cute little circle of small diameter brass braising rod inserted in the tip to make a decorative "top hat". The coil was out of reach, some humbug here. But the entire unit was easy to lift off the base peg, fiddle the coil and then put back. But it did discourage band changing. Two eyebolts in the top of the PVC extension were used with four small plastic tent stakes and two miniature bungee cords to provide a stabilizing harness. The SLV resisted what wind there was very easily set up like this. It tuned 40 meters with only about six turns of the big coil and was very broad banded.

Compared to the stake stick, it would receive signals about two S units better. It was used for all 40 meter contacts except for the first Hawaii net checkin. When first set up it would not tune at ALL. I glared at it for a while and then noticed there was no wire from the ground connection to my fancy set of plates, metal stakes and radials! While making all those carefully crafted 1/4 inch braid connectors, I had forgotten this one. A small chunk of 12 gauge stranded wire was inserted and it began to tune very well.

I heard lots of signals, especially on the magnum SLV. Friday and Saturday nights were CHAOS! RTTY, SSB, FAX, Slow Scan TV, Thunder Crashes, all on top of s9 white noise, solid from 7.000 to 7.100. But there were CW stations and I did get some answers. Seemed like the band was full of FISTS members. Fortunately, I had my number handy so I could answer the CQ FISTS calls that I heard.

In all I ended up with 22 solid contacts in the notebook and many more that netted only ? in return or QRZ's. The SLV was working extremely well on receive and without the DSP unit 40 meters would have been one useless howl.

Daytime 15 meters was good and a real relief after working the chaos that was 40 meters. I even made some SSB contacts. I also managed some contacts on 30 meters though it seemed to jump up for a while and then die. At night I kept the 30 meter resonator on the Hustler so I could switch back and forth between

it and the SLV on 40. I was surprised that the 40 meter howl had not driven more people onto 30 meters.

Random notes:

The first aid kit must have over the counter drugs like Dristan and Tylenol or whatever your favorite flavors are.

A separate tea kettle in which to boil water is well worth it.

Folgers singles "coffee bags" are a great invention.

The more you do this the better it gets.

It was spooky to have people come back to you after a CQ and already know your name! Does everyone belong to QRP-L?

<http://www.chem.hawaii.edu/uham>

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

Thanks to everyone who fought the 40 meter chaos to listen for me and wrestle out the QSO's there and on 15 meters. I wonder if there is anything more determined than a QRPer who suspects he can hear another QRP station calling on frequency?

Date: Mon, 16 Feb 1998 21:45:50 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [4011] Re: W5FN Fox
Message-ID: <351A2DFAE256D111883A0060B06B166231956B@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Nice going, Tim. Lot of strong hunter signals in there tonight. Glad I was able to sneak in between them and nab another pelt.

My turn tomorrow night. Let's see who can nab a Golden Fox pelt. Hope we have good conditions. Had some thunderboomers go off almost overhead tonight, courtesy of El Nino.

72, Bob N6WG and Ol' Kenwood

Date: Mon, 16 Feb 1998 22:59:00 EST
From: N9DD@aol.com
To: mike@krypton.nmr.Hawaii.Edu
Cc: qrp-l@Lehigh.EDU
Subject: [4012] Re: qrpttrf report (long)
Message-ID: <76aef818.34e90b06@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-02-16 22:43:23 EST, you write:

<< It was spooky to have people come back to you after a CQ and
already know your name! Does everyone belong to QRP-L? >>

No, but the best hams do! :-) This is the thing I enjoy most about being on QRP-L and being "into" QRP - I feel like I'm part of a large club of friendly, like-minded hams. I bump into them in contests, at Dayton, during general QSO sessions, etc. I know lots of their names and they know mine. Ted, Tim, Doc, Chuck, Ed, Paul, Ron - the list goes on and on. Familiar calls, familiar names. We are all having fun.

Thanks for the nice post on your QRP to the Rain Forest expedition. I enjoyed it alot.

Tom N9DD
South Bend, IN
<http://members.aol.com/n9dd>

Date: Mon, 16 Feb 1998 21:57:00 -0600 (CST)
From: cdavis@unlinfo.unl.edu (Charles Davis)
To: qrp-l@Lehigh.EDU
Subject: [4013] Introduction
Message-ID: <199802170357.VAA16349@unlinfo2.unl.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello,

My name is Chuck Davis, I am ng0m and live in Lincoln, NE. I have been reading the list now for a couple of years but have posted only once or twice before this. I have been interested in qrp for twenty years but it

took this list to get me to turn down the power to qrp levels. Didn't know what I was missing for most of those years. Now I either turn down the rf power control on my ft-890 or run a MFJ-9040 and like most people I have several kits waiting to be built and several projects to finish.

So much for the introduction. The main reason for this post is to pass on some information that I picked up off the NE chapter QCWA 75 meter net. NF0N, contact person for the Midwest/Dakota Division ARRL Convention checked in and put a plug in for the convention, to be held in South Sioux City, NE May 29-31. To arouse our interest he informed us that Adrian Weiss, w0rsp would be there to present a talk on QRP and make available for sale copies of his books. David Sumner, k1zz will be there to represent the ARRL. Hearing that Ade Weiss would be there helped make my mind up to attend the convention, however I couldn't wait to pick up my copies of "Joy of QRP" and "History of QRP" so I sent an order off last Friday with the blessing of my wife.

Chuck Davis, ng0m
NorCal #386, ARRL & QCWA

Charles Davis
cdavis@unlinfo.unl.edu

Date: Mon, 16 Feb 1998 21:59:04 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4014] Re: The NorCal Version of the Herring Aid 5 LIVES!!
Message-ID: <34E90B08.DB62706B@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Doug,

Your post about how your friend, Dave, helped you trouble shoot your kit was absolutely fabulous reading! That is the kind of posting I love to read. You are very lucky to have such a knowledgeable friend as you do. My goal is to someday be even half as good as Dave is at trouble shooting. Those are the types of things I am hoping to glean from the elmering 101 class.

Keep up the good work and congratulations on getting your kit up and running.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Mon, 16 Feb 1998 23:02:38 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:tahrens@inetport.com" <tahrens@inetport.com>
Cc: "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.EDU>
Subject: [4015] FOX TONIGHT!!
Message-ID: <199802162305_MC2-3393-8BCD@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Tim:

Wow!--what a FABULOUS signal into Rochester, MN, tonight! Man oh man, it is hard to believe how signals can be this good, given 40 Metres lately. You were 579-599 for the first 85 minutes or so. Even when I couldn't hear hunters, you were like a great beacon here :-).

Setup = Omni V at 4 watts out to the new HB dipole at 28' fed with 300-ohm window line. Tuner = the new Emtech ZM-2.

Thanks for digging me out, and for doing such a great job as FOX. Wish me luck next Monday. Hope you will come looking for me. Will be looking for your log.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Mon, 16 Feb 98 22:30:37 PST
From: "Tim Ahrens" <tahrens@inetport.com>

To: qrp-1@Lehigh.EDU
Subject: [4016] Dead Fox!
Message-ID: <MAPI.Id.0016.00616872656e73203030303730303037@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable

Soooo many holes... kinda feel like Wiley Coyote with water pouring out of them all!

Thanks to everyone who stopped by to pot-shot at me... Got a real kick out of Pete's qrp-1 number.. until I looked at the log later.. At the time, I was thinking 357 (appropriate for the evening), but then I just looked again, and noticed it was 257. Oh well, it was funny at the time. Guess I'm having chocolate withdrawl from V'tines day! :-)

Had the keyer cranked up a bit.. hope it didn't annoy too many folks... we had a bunch of static here, & kept adding & dropping dits until I turned it on semi-break in. Much easier to send code when you can hear it!

It started out with a bang (so to speak), & I had the vertical array aimed east.. figured the right coast guys would fade out pretty quick. Then the static cranked up.. guess there was a bunch of stuff between me and the Atlantic. So, switched it around & it got quieter. Signals weren't real strong, seems like everybody was at about the same level (really guys, most of you were 559).. just cuz the keyer only has one memory has nothing to do with it! <g> For those of you who listened a lot, you know I was sending most of it manually. hehe

One of the new /AG guys got me! Glad you jumped in Dan.. was really rough copy, but I think I got it all!

For the 1st ten minutes, it was 1 every minute.. then things started slowing down... I hope that everyone that tried got me.. at the end I called CQ for about 5 minutes, then the digi-junk came up.

Had to QSY a couple of times when folks moved in..

In the end, looks like 75 pelts/tails were handed out.

Had a great time folks, - Chuck - thanks for letting me

do it again this year.

& thanks to the guys who hung around till the end & gave me the dit-dit & pep talks!

cuall later

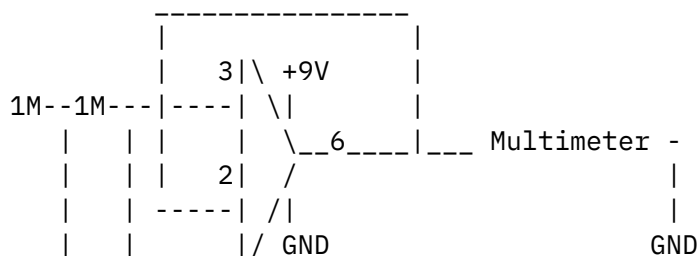
Tim W5FN

I'll try to post the results sometime Tuesday or Wed.

Date: Mon, 16 Feb 1998 19:27:00 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: Rattray@siast.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4017] Re: elmer101: rf probe
Message-ID: <b8ai5TAEMJ60Ewog@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <ABB04875E11AD01191A40000F83092BE832543@STONE>, "Rattray, Bruce" <Rattray@siast.sk.ca> writes
>I was looking at the rf probe in the 1997 ARRL Handbook with the thought
>of putting one together for the elmer101 course...I see we need to have
>a meter with an 11 megohm input according to the text...so if we don't
>have an 11 megohm input meter, I guess we'll have to get one? or is it
>not all that critical?...thanks & 72 - Bruce(VE5RC) -

Using a single-supply op-amp like the CA3140 it's very easy to make an 11 M impedance add-on for an ordinary multimeter. Digital meters usually have an 11 M impedance anyway. The correct impedance is needed if you want reasonably accurate RF voltage measurements. Here's the circuit I use:



10M 10n
| |
| |
GND GND

It's basically a voltage-follower circuit, which has a very high input impedance (much higher than 10 M).

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Mon, 16 Feb 1998 21:52:14 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@Lehigh.EDU, cqclist@lists.csn.net
Subject: [4018] CQC Winter QSO Party Rules
Message-ID: <199802170451.VAA10856@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Colorado QRP Club announces the 1998 CQC WINTER QSO Party

Date/Time: Sunday, February 22, 1998
2200 UTC Feb.22 to 0359 UTC Feb.23

Exchange: RS(T), State/Province/Country, First Name, and Member # if
CQC

member, power output if not.

ie: 579 CO Jim NR 04

Suggested frequencies:

CW - 1825, 3560, 3710, 7040, 7110, 14060, 21060, 21110, 28060,
28110

SSB - 1910, 3985, 7285, 14285, 21385, 28385

No contacts on 30, 17 and 12 meters allowed

Classes: Single Band, Multi-band (all single operator only)

QSO Points:

CW - CQC member 6 pts, non-member 4 pts

SSB - CQC member 3 pts, non-member 2 pts

Multiplier: States/Provinces/Countries worked.

The same station may be worked on different bands for additional

QSO

points and multipliers. Contacts on the same band using a different

mode counts for QSO points, but not as an additional multiplier.

Names: Total of first names from Name sheet. One first name per letter of the alphabet. Name must be your commonly used name.

Score: Total Score = QSO Points x Multipliers x Names

*Bonus points for working Club Station W0CQC - Add 1000 points to your

FINAL score for working W0CQC.

Power: Stations must use 5 watts or less output, CW or SSB. There are no power multipliers.

Awards: To Be Determined, Highest Score in each class.

Submit log (postmarked within 30 days of contest end) showing:

Band, Mode, Time UTC, Station Called, RST Rc'd, SPC Rc'd, Name

Rc'd,

Memb# Rc'd (or pwr out if not CQC member), SPC Mult., Name mult.

Points.

On a cover sheet include your name, call, SPC, CQC# (if member), power

used. A description of your rig, antenna, and comments would be appreciated. Also include a score recap, the calculation of your total

final score.

Electronic logs, in ASCII text format only, may be sent to:

EJim@aol.com

For sample Log and Name sheets, send SASE and one unit first class postage to:

Jim-KG0PP-CQC Contest

P.O.Box 31575

Aurora CO 80041-0575

Date: Tue, 17 Feb 1998 00:04:19 EST
From: GERALDCUND@aol.com
To: KB9OCE@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [4019] Re: Knightlite SMiTe
Message-ID: <257337bd.34e91a56@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Knightlites homepage is:

www.waterw.com/~knights/

For a link to most QRP clubs try:

www.dancris.com/~ki7mn/qrpclubs.htm

Gerald, KE4LIA

Date: Mon, 16 Feb 1998 22:08:41 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU
Subject: [4020] More Comments on ZM-2
Message-ID: <3.0.5.32.19980216220841.00832a90@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings,

Inspired by Al, K0FRP, and his modified ZM-2, I decided I wanted a similar setup with connectors in the rear, but thought I would deviate (I hesitate to say improve) on his mod by putting all the hardware in plastic case, with the metal cover acting as the bottom of the tuner.

I mounted the BNC connectors and the balanced line pomona connectors on the rear (one long side), with the controls and LED in the front (the other long side). I also mounted an additional SPDT switch on the rear to select either the tuner or an internal dummy load (yet to be installed) for the attached transceiver. The LED and four switches live between the cap controls, with the LED in the upper left, tune/operate below it, the gnd link (I call it balanced/unbalanced) in the upper right, and the added

Installation is a bit more tedious, since you have to work in a bucket, so to speak, to connect wires and components. I am pleased with the results, though - nice sharp tuning with the LED indicator and the box sits nicely on top of a Norcal 40A - it doesn't ride as nicely on an SST, but hey, what does?? I had the mounting screws that bottom out on C1 and C2, but by mounting them thru the plastic, there is no problem whatsoever - I didn't even need to countersink the holes as I anticipated (those screws looked a bit short).

More info when I get some QSO's under it's belt and compare to my base tuner (T-T 227).

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal	#262	QRP-L	#219	QRP-ARCI	#8303	NE-QRP	#213	CQC	#045
CQrp	#15	NJ-QRP	#50	AK-QRP	#52	NW-QRP	#454	FISTS	#3184

Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

First, for those that don't have an RF probe for their meters there is an article in 73, the Nov 96 issue that explains how to design the probe for

the specific input resistance of your meter. Now, about the probe itself... I know it is traditional for the RF probe to be a combination of probe and circuitry but I was wondering if this was a design by necessity. I was thinking of cutting a pair of test leads in half and building the circuitry device with a gosinta and a comesouta to which the leads would be attached or hardwired in. This would offer the advantage of having standard test probe ends on which things could be attached, like alligator clips and, well things.

Otherwise I be looking at a nail, some dowel and a 5in. section of 1/2 inch copper tubing and lots 'o black tape.

Thanks

Wayne WB7WHI
Spokane, Wa.

Date: Thu, 5 Feb 1998 18:48:07 -0000
From: John Reynolds <d2250077@infotrade.co.uk>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [4022] Battery Low level Indicator
Message-ID: <"relay.bt.net:029970:980217065559"@bt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

A recent posting requested info on a source of low consummption source of Battery Low-level Indicators.

I wonder if the following will be suitable?

Phillips TEA 1041T

Gives visual indication if the battery voltage falls below a preset value. Voltage transients of shorter duration than a preset interval will not trigger the low level indication.

Features

- Recharge Needed warning by 2 alternating flashing LED's when battery is fully discharged.

- Low standby current

- Adjustable triggering threshold for detection of a low level battery

Supply voltage 1.8 to 4v

Standby current 10 microamps
Power dissipation total 150 microwatts
LED Driving current 59ma

Available from RSC Components (UK)

Part No 310-290 Cost 1.2 English pounds

Usual disclaimer apply's

73 de John G3PT0 GQRP 595

Date: Mon, 16 Feb 1998 23:29:30 -0800 (PST)
From: "S. Lee" <slee@u.washington.edu>
To: JUNIUS B FOX <w5hir@gte.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4023] Re: bipolar steppers
Message-ID: <Pine.A41.3.95b.980216231124.92596A-100000@homer03.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You are correct in that using an L293D to drive steppers requires some sort of sequencing logic. Microcontrollers can be used, or PALS. Motorola makes a chip, SAA1042, that is specifically designed to sequence and drive stepper motors. It isn't easy to find on Motorola's web page but it's there. For a data sheet on the L293D (it's an H-bridge which is usually used to drive DC motors) you want to look at Unitrode's web page. Enjoy!
de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

Date: Mon, 16 Feb 1998 23:59:44 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU
Subject: [4024] "WTD" maybe = "Want To Dump" ? hee hee hee
Message-ID: <34E94370.5731@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hey, so I have a twisted humor organ.... I swear I think of that every time I see it. :-0

Back to net, de Jim, W7LS

Date: Tue, 17 Feb 1998 03:29:38 -0500 (EST)
From: Jim Fielden <fielden@utkux.utcc.utk.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4025] Simple (re)1st Project
Message-ID: <Pine.SOL.3.94.980217030609.9471A-100000@moe>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello All,

I'm like really dumb when it comes to building anything kits, little solid state projects. I have built a few tube transmitters but it's been 3 or 4 years since I've done anything in Ham Radio. But My spark has just been resparked, I wanna build me a little cw solid state rig. I would like to do 30 meter or 40 for one of my other major problems I can't have Wire in the sky so whatever I do will have to be low profile, also most of the people around me are OF's and do nothing but watch channel 2 all day long without cable...

Hmmm ok now on with the show.

Could someone maybe point me to a good/simple design of a solid state transmitter that even I could build with at most radio shack type parts, something that won't cause alot of RFI, and that I can have fun with...

Ok well thanks alot for any help....

Jim
fielden@utkux.utcc.utk.edu
KC4SMH

Date: Tue, 17 Feb 1998 03:44:24 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>

To: Kevin Bunin <p014455b@pb.seflin.org>
Cc: QRP-L Reflector <qrp-l@Lehigh.EDU>, caribdiv <caribdiv@grouper.batelnet.bs>,
CQ-Contest Reflector <cq-contest@contesting.com>, Jim White <k4oj@ij.net>,
Ron Wetjen <wd4ahz@gte.net>, DX Reflector <dx@ve7tcp.ampr.org>, David Novoa
<dnovoa@juno.com>, Walter Deemer <kn4t@gate.net>,
Subject: [4026] C6A DXpedition (K4PG & N4BP)
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

K4PG & N4BP will travel to Freeport, Bahamas for the ARRL DX CW Contest this weekend, February 21/22. We will each do a single-band effort. Kevin will sign C6A/K4PG on 40 Meters. I will sign C6A/N4BP on 10 Meters (15 Meters if propagation is as bad as is currently being forecast!)

We will use a computer controlled IC-706 MKII at 100W output. Antennas will be a 40 Meter dipole and a 2el 10 Meter Yagi (or 40 Meter dipole on 15 Meters) on the roof of the Bell Channel Inn.

Although we will be in Freeport for five days, we will probably not do much operating other than during contest hours since our XYL's will accompany us.

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 17 Feb 1998 07:17:44 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4027] No pelt at WB8RCR tonite
Message-ID: <199802171215.5720800@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

This morning (UTC) at around 0330 I came back into the shack after enjoying a piece of my wife's chocolate mousse pie. As I sometimes do, I flipped on the Pixie and turned to catch up on reading the list while I listened for

someone to get close to 7.040.

As usual, there were a lot of stations to be heard, most way off frequency and fairly weak. They were all pretty well drowned out by some QRO guy who was apparently in some contest, sending nr? repeatedly to someone.

As I read about removing nail polish from toroids, this guy returned to calling CQ whatever, and it wasn't until about 0350 or so that I realized 'whatever' was FOX! This was W5FN just pounding into central Michigan. Well, I quickly jumped to the paddle, and made a number of calls, in spite of the fact that he was pretty well off my frequency - heck, if I could hear him so well, maybe he could hear my fifth of a watt.

Alas, he moved further off my frequency, and precisely at 0400, shut it down.

To tell the truth, I haven't been paying much attention to the fox, just assuming that my homebrew vertical wasn't up to the task. I think that's gonna change real soon now, even if it demands firing up the QRO (2 watt) rig!

73 de WB8RCR

Date: Tue, 17 Feb 1998 12:39:44 -0000
From: "Mike Rioux" <mrioux@iname.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4028] Low profile DxPedition
Message-ID: <01bd3ba1\$201914d0\$0a32a8c0@SEABAT.RIOUX-HOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I will be in V26-land from Feb 23rd to Mar 2nd. If anyone on this list would like to work 2 way QRP SSB on a sked please email me and I'll try REAL hard to make it happen. If you want a CW contact, let me know and I'll try to do that also. We are from a club in MA that gets together to go to warm climes each year (and our wives let us go!) to play radio for a week. (Don't worry, we pay for it the rest of the year! :)

Mike Rioux, W1USN
W1USN@rioux.org
RNARS #3889, QRP-L #79, NORCAL #777, QRP ARCI #6973
V31RN, 8P9CI, P4/NW1J, DL/WA1TPE, G0/NW1J

Date: Tue, 17 Feb 1998 07:42:58 -0800
From: LYN WILLIAMS <designserv@ipass.net>
To: fielden@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4029] Re: Simple (re)1st Project
Message-ID: <34E9B002.13A4C8A@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim:

Why not check out the Knightsmite kit which you can find through:

<http://www.waterw.com/~knights/index.html>

There have been a lot of good reports on it.

Jim Fielden wrote:

> Could someone maybe point me to a good/simple design of a solid state
> transmitter that even I could build with at most radio shack type parts,
> something that won't cause alot of RFI, and that I can have fun with...
>

Date: Tue, 17 Feb 1998 09:10:08 EST
From: GERALDCUND@aol.com
To: fielden@utkux.utcc.utk.edu
Cc: qrp-1@Lehigh.EDU
Subject: [4030] Re: Simple (re)1st Project
Message-ID: <64a06750.34e99a43@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Jim

Almost any of the better QRP kits should fit the bill. I've only been licensed three years. The only electronic part I could identify was a resistor. I started with an Oak Hills Research Explorer II Qrp kit. The better kits come to you complete. No parts to order or pick up at RS. The manuals are clear and the circuit boards are silk screened for parts placement. If you haven't built anything in 3-4 years this is a good way to refresh your soldering skills.

It worked for me. Now I know what a diode looks like.

Gerald,KE4LIA

Date: Tue, 17 Feb 98 08:50:22 PST
From: gregoire@endor.com
To: joel malman <malman@world.std.com>, Low power amateur radio discussion <qrpl@Lehigh.EDU>
Subject: [4031] RE: Digi 'stuff'
Message-ID: <Chameleon.980217091408.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Joel,

You wrote,

<<It's going to be the Digi-jerks that will take over the cw/digital parts of the bands. Everybody (like you and me) that just loves CW are going to get squeezed out. Guess we have just a few years left before it will be hard to hear CW on the bands.>>

The rumor of CW's death is very premature.
I'm sure the I will never see it in my life time.

I'm sure you have been on the bands on a contest weekend.
It's hard to find a spot to stick in your signal.
Fists membership is going up through the roof. I joined a year or so ago, and my membership # is 2644. They are over 4000 now.

The basic reason for the jamming is this:

There is a tendency for those with no talent to
demean those with talent in this era of situational
ethics. It requires no skill to operate digital modes.
I know, I operate RTTY my self. Anyone with the gear can do it.
Not so with CW.

<<Anyway, I have a suggestion... maybe we should ask the ARRL to ask
the FCC to specify that at least one subsection on one band be set
aside as CW only. I would vote for something like 10.015 to 10.020
(30 meters).>>

That would be really nice.

This has been kicked around for a while.
The argument against it , albeit a poor one, is that
CW is legal to use anywhere on the bands as it is.

This is really no argument at all.
Can you imagine how bad the war would be,
if we began to use the SSB sub-band regularly for CW QSO's?

All hell would break loose!

de AA1IK,	Time the accursed enemy of man,
Ernie Gregoire	cursed youth for going to slow and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	Fists # 2644, ARCI # 9500
Canaan, NH. 03741	QRP-L # 95, Fly fisher & tier, Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

02/17/98 08:50:22

Date: Tue, 17 Feb 1998 07:21:55 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>

To: gregoire@endor.com
Cc: qrp-1@Lehigh.EDU
Subject: [4032] RE: Digi 'stuff'
Message-ID: <199802171421.HAA01101@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:50 AM 2/17/98 PST, you wrote:

>Fists membership is going up through the roof. I joined
>a year or so ago, and my membership # is 2644. They are
>over 4000 now.
>

Speaking of FISTS, did anyone else hear the guy calling 'CQ FISTS' smack dab on 7.040 Saturday? Stayed there for a couple of hours late afternoon.

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

Date: Tue, 17 Feb 98 09:15:37 PST
From: gregoire@endor.com
To: john paul keon <jpkeon@bellsouth.net>, Low power amateur radio discusion <qrp-1@Lehigh.EDU>
Subject: [4033] RE: jamming
Message-ID: <Chameleon.980217092831.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=iso-8859-1

I agree, It just aggravates the situation when a war breaks out. Each participant turns the ratchet up one notch. Before you know it we are using kilowatt signals everywhere.

I prefer to use stealth and cunning rather than the brute force method. Although I must admit, I have entertained evil thoughts,(momentarily) when a jammer messes up my signal on a clear band.

de AA1IK, Time the accursed enemy of man,

Ernie Gregoire cursed youth for going to slow
and by the old for going to fast.

R.R. 1, Box 221,
South Rd. Fists # 2644, ARCI # 9500
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
 Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

02/17/98 09:15:37

Date: Tue, 17 Feb 98 09:30:56 PST
From: gregoire@endor.com
To: Bob Hightower <ki7mn@dancris.com>, Low power amateur radio discusion <qrp-
l@Lehigh.EDU>
Subject: [4034] RE: Digi 'stuff'
Message-ID: <Chameleon.980217093517.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

<<Speaking of FISTS, did anyone else hear the guy calling 'CQ FISTS' smack
dab
on 7.040 Saturday? Stayed there for a couple of hours late afternoon.>>

So what! He was using CW, maybe he was even QRP?
Maybe he likes to talk to QRP'ers.

Anyhow, the guy has a right to be on that frequency.
So chat with him there OM. That is why I am on the
bands; to chat with folks using CW.

de AA1IK, Time the accursed enemy of man,
 cursed youth for going to slow
Ernie Gregoire and by the old for going to fast.

R.R. 1, Box 221,
South Rd. Fists # 2644, ARCI # 9500
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
 Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

02/17/98 09:30:56

Date: Tue, 17 Feb 1998 08:46:58 -0600 (CST)
From: rspenc@creighton.edu
To: qrp-l@Lehigh.EDU
Subject: [4035] thanks
Message-ID: <Pine.HPP.3.95.980217084425.16022A-100000@bluejay.creighton.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks gang for the many responses re: my desire to obtain the 1995 ARRL Handbook so I may attempt to homebrew a Sierra. The real fun is building something from plans, versus just putting a kit together, which I have completed many in my time. Nothing like etching ur own boards. Great group here, and I enjoy lurking around to see what I can learn.

Thanks again!!!!

Rich, WK2A

Dr. Richard S. Penc	Amateur Radio: call WK2A
Assistant Professor	Interests: QRP, constructing,
Department of Atmospheric Sciences	6m
Creighton University	
2500 California Plaza	FCC Licenses:
Omaha, NE 68178	General Radiotelephone
	Second Class Radiotelegraph
	Radar Endorsement
phone: (402) 280-2420	Accredited VE: ARRL, W5YI
fax: (402) 280-1731	
email: rspenc@creighton.edu	Certifiably crazy computer geek
richpenc@juno.com	

Date: Tue, 17 Feb 1998 07:09:06 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4036] 9M0C w/QRP
Message-ID: <Pine.SUN.3.90.980217065757.16317B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Well, I just gotta brag a bit! I am usually so shy and reserved.....

But I got up this AM at about 4AM local time, mumbeling something about why did I drink that coke just before going to bed!

After taking care of the bladder, I went into the shack and listned on 40m. Was about to turn the radio off when I started hearing "lid" "up", strings of dits and a carrier or two. I knew I had found something "good".

While I was straining to find the DX station, this very loud guy would come on. About blow the ear phones off! Soon I realized that the loud sig was 9M0C! He was a bit over S9.

I checked to see where he was working....sent my call about 4 times and bingo, I got him. But that was with 100w.

So I listened a bit more. The pile up really wasn't that bad. So down went the power to 4.5w. Then he went away for a few minutes.....soon he was back. I followed the stations he was working.... set up where I thought he would be and sent "KU7Y/QRP". I used the QRP to let him know that I wasn't just working him again!

About 4 or 5 calls later I had him!!

So if anyone is wondering if they can be worked with QRP, the ans is YES!

1219z first QS0. I was up 3.09 khz
1229z second QS0...the QRP qso. I was up 3.69 khz

He was on 7002.91

Wheeeeeee !!!!

Use your skills from the Fox hunts. It's the same game. Just a bigger pack!

Thanks for the B/W, cul, (Oh, I never did get back to sleep!)
I've been doing this stuff for 45 years and still get excited!!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 17 Feb 1998 09:39:21 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [4037] QRP CW in SSB sub bands!
Message-ID: <199802171539.JAA03713@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High fellow overcrowded qrp CW ops.

This is Joel WA5CVM in Strong Maine... I was thinking... :-) Being as the ARRL has officially told us cw ops that we are allowed in the ssb sub bands, I would think that this means that the ARRL has given its indorsement to us using these sub bands for cw.

Think about it.... if the ARRL says it's ok to do this... it must be accepted amateur practice... Right! And if the ssb ops are using rtty during a contest then the ssb sub bands must have extra room for us at that time. Why let that part of the band stay unused... (the ARRL would like all the bands to be in full use as often as possible, so we should be double blessed by them)

CW in the SSB sub bands endorsed by the ARRL, how official can you get!!

Perhaps some would be impressed at the loud qrp signals.

Crank the vfo, change the crystal, there are new freqs to conquer. :-)

God Bless

Joel WA5CVM

God Bless

Joel

WA5CVM

Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentle Lady (RC Sail Plane)(049 engine - start)
80 mtr dipole up 50ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Tue, 17 Feb 1998 09:40:01 -0600 (CST)
From: Bill Risch <brisch@mn.uswest.net>
To: qrp-l@Lehigh.EDU
Subject: [4038] Oscillator problem
Message-ID: <1.5.4.16.19980217093034.1027fdcc@mail.mn.uswest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good day everyone, I have an interesting problem that I would like so input on. I am attempting to get one of the 80mtr Centennial rigs running. I have come up with a problem. The 5.185 MHz xtals that are supplied with the kit do not always sustain oscillation. I discovered after setting up the rig that it would not transmit. This was after I had gone through alignment and it seemed to be working.

Now the oscillator in the transmit section will not run. It is a crystal problem as I pulled the rock and used a test fixture that I use for testing crystals and get the same problem.

Problem: When the oscillator is first powered up (monitoring output on a scope) it starts to oscillate for a fraction of a second and then fails to sustain oscillation. Not 100% of the time however. The test fixture is a 7400 oscillator circuit and has been very reliable for other crystals that I use. I went down to the local surplus outlet and found some 5.185 MHz crystals and found that they exhibit the same problem. Now keep in mind that the oscillator in the rig is the internal oscillator section of a NE602 which in several other projects has been reliable. So, The interesting thing is as power is cycled off and the power is dropping from the caps in the input discharging the crystal will begin to oscillate for the brief time that the power is still available from the ps caps. To make this worse this is not 100% true it is a hit or miss situation. Now final question how can I supply power so I can get these crystals to reliably start?

Any thoughts?
Bill K0QK

Date: Tue, 17 Feb 1998 09:36:12 -0700 (MST)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [4039] RTTY
Message-ID: <199802171636.JAA20668@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I can't understand the dislike most hams have for cw. I am poor at it but am practicing every day to improve. I have hit that 20-25wpm block. I enjoy the QRP part of the hobby, and am sad to see the other modes pushing us out. Turned on the sierra for some QRP before work this morning, and RTTY dead on 7.040. Rest of the band not in use, so I moved up some. I guess it's a sign of the times, and I was foolish to think that hams would remain gentlemen.
I have loved radio all my life, and will continue to promote the spirit of goodwill in Amateur Radio. My 2cents.
Roy, AB7CE

Date: Tue, 17 Feb 1998 10:42:46 -0500
From: madams@facilities.buffalo.edu (Adams, Mark)
To: QRP-L@Lehigh.EDU ('QRP-L@LEHIGH.EDU')
Subject: [4040] 2M or 6M QRP, which one?
Message-ID: <1998Feb17.104700.1483.127370@facilities.buffalo.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hi Gang,

Time to take the plunge into VHF QRP operations. Down comes the 20M X-beam and up will go the __ M Yagi. But for which band? I cannot decide! (The X-beam will be taken to my FD site.)

(Yes, I hope to get in on the ten Tec group buy for a transverter.)

I have read the last few 50MHz and Above columns in QST, I know that we rarely (never?) use VHF in the QRP tests, and all of my neighbors have cable (no QRM on 6M), and I still cannot decide.

If any of you have both bands I would appreciate a note as to which one is your favorite .

TNX es 72, Mark N2VPK

Date: Tue, 17 Feb 1998 09:47:17 -0600
From: Ed Manuel <n5em@flash.net>
To: hqrp@stevens.com
Cc: qrp-1@Lehigh.EDU
Subject: [4041] Houston QRP Club Meeting
Message-ID: <3.0.5.32.19980217094717.008fa100@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The next meeting of the Houston QRP Club will be held on Saturday, February 20, 1998 from 9AM to 11AM at 5718 Westheimer, Suite 970 (corner of Westheimer and Bering, one block west of Chimney Rock).

If you missed the first meeting in January, now is the time to get into the swing of things.

We'll be discussing a variety of topics, including field day, gel cell batteries, solar chargers, vanity Houston QRP Tee-shirts and who-knows what else.

Those who can will have lunch afterwards.

Be a social animal. Come get in on the fun.

Talk-in on the 146.700 repeater (no tones).

72s

Date: Tue, 17 Feb 1998 08:04:09 -0800

From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [4042] Cool Down Please
Message-ID: <34E9B4F9.78F84D9A@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

I, for one, am growing a bit weary of the anti-digital sentiment. I don't believe terms like digi-jerks and digi-droids belong here. Okay, so there was a digital contest and our favorite QRP frequencies got clobbered. I'm sorry (even though I didn't even operate the contest) but that's the way things are with a shared resource. You can petition the ARRL, Wayne Greene, the FCC or whomever you wish, but people are not going to stop using 14.060 or 7.040 just because it is the QRP calling frequency.

--

=====
Bill Jones - KD7S <><
Sanger, California
=====

Date: Tue, 17 Feb 1998 10:00:22 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: cdavis@unlinfo.unl.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4043] Re: Introduction
Message-ID: <34E9B416.6D813F0B@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Chuck,

Welcome to the list. Glad to have you here. Hope to see you post often.

Thanks for the update about Ade Weiss being at the Midwest/Dakota Division ARRL convention.

73/72 ,

Lynn, KJ3V
Birmingham, AL

Date: Tue, 17 Feb 1998 11:11:18 EST5EDT
From: "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>
To: qrp-l@Lehigh.EDU
Subject: [4044] CW on SSB Bands
Message-ID: <1A2B620AC4@um-f1.umd.umich.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I agree with the person who said we should utilize the ssb bands for cw. It seems to have always been a gentlemen's agreement that cw ops stay in the cw subbands ssb ops stay in phone bands and rtty ops stay near the top end of the general cw/digital subband. However many rtty ops are not gentlemen and often they operate right on the qrp call freq. on 40 meters. It seems to be getting out of control. Many times they will pop on freq right in the middle of your qso and run you off.

Date: Tue, 17 Feb 1998 11:12:49 -0800
From: wd4nak@juno.com
To: QRP-L@Lehigh.EDU
Subject: [4045] for sell
Message-ID: <19980217.111250.12542.0.wd4nak@juno.com>

Just home from the Doctor So Due to my Health I want to sell My NW 40 and NW 30 Both are in excellent condition No scratches , 100.00 each You can reach Me by E-Mail .
Charles WD4NAK

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 17 Feb 1998 08:16:09 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4046] Re: Cool Down Please
Message-ID: <Pine.SUN.3.90.980217080734.16416C-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill and All,

You make a good point.

And something I got to thinking about.....

The real challange with QRP operation isn't in getting a sig to go all over the world. That is done every day.

The real challange is in being able to operate QRP in a QRO world! That is what takes the skill and that is what makes us feel so good when it "works"!!

If everyone got "out of our way" when we wanted to use the bands, I'm not too sure we would last long.

Something else that I think happens is this; Someone with a very good RX moves off your freq far enough that they can no longer hear you.

When the start up, the wider front end in most of the QRP rigs brings in the unwanted sig. So I think that quite often the other operator thinks he is in the clear.

A good question to ponder is.... if we use less than state of the art equipment, are we justified in complaining if our equipment doesn't do the job? :-)

OK, back in my hole.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 17 Feb 1998 10:28:42 -0600
From: "Claton Cadmus" <aplitech@spacestar.net>
To: "QRP-1" <qrp-1@Lehigh.EDU>
Subject: [4047] rf probe
Message-ID: <04f601bd3bc1\$35d1a2e0\$accebfce@groucho>

There has been a recent discussion on building RF probes. I have built several and have consistently destroyed the 1N34 diodes. I have finally resorted to using a 1N4007 rectifier diode, which has structure similar to a PIN diode, and it seems to work fine. I simply add .5 volt to the reading to compensate for the silicon junction. I would be interested in hearing comments about this.

Also, if you want to make sure you get reasonable accuracy, measure the input impedance of your DVM. It's very easy to do. Get a 1 megohm to 10 megohm resistor. Measure the voltage from your power supply and write it down. Connect the resistor in series between the power supply and your DVM and measure the voltage. It will be lower. Using ohms law you can now solve for the "resistance" of the meter as you know the series resistor value and the two voltages. Once you have the meter value, you can calculate the series resistor that will provide a .707 voltage reading.

Date: Tue, 17 Feb 1998 08:29:50 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [4048] Fox log 13 Feb final
Message-ID: <01bd3bc1\$44bd1050\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a few minor corrections.

Date: 13-Feb-98 UTC Frequency: 7.042 MHz K1MG CA Mike 614

```
# TIME CALL SENT RCVD STATE NAME NR
1 0201 AB5UA 559 559 OK CLIF 478
2 0202 N5LU 559 599 OK BILL 5W
3 0203 AB7TT 599 599 AZ JOE 191
4 0205 W2PFS 559 559 NY HAL 5W
5 0206 K5UP 559 559 OK GENE 21
```

6 0207 W0CH 549 599 MO DAVE 618
7 0208 AB7TK 579 579 ID RANDY 102
8 0209 K5ZTY 559 559 TX BILL 473
9 0211 N6VZ 559 579 CA GARY 919
10 0212 KJ3V 559 559 AL LYNN 1227
11 0213 VE6NJK 559 539 AB NIELS 1239
12 0215 K10J 579 559 TX OJ 732
13 0216 W5SB 559 559 TX BILL 1279
14 0217 KA5T 559 559 TX LARRY 89
15 0218 NU8Z 449 559 MI MARK 1431
16 0219 N0TU 559 559 CO STEVE 911
17 0222 N1QQV 449 559 CT KEN 400
18 0223 K8DD 559 569 MI HANK 246
19 0225 W00PW 559 579 WA PAT 100W
20 0226 N5JI 559 559 TX DICK 1054
21 0227 N4ROA 559 559 VA DAN 970
22 0228 K5ID 559 579 AR KEN 652
23 0229 N7GS 559 599 MT MAL 815
24 0231 AE4IC 569 599 NC BOB 54
25 0232 VE7CQK 549 559 BC PAUL 20
26 0233 AC5JH 549 549 LA TOM 1319
27 0235 WB4EXW 449 599 NC WATSON 5W
28 0236 AA5TA 599 579 TX LARRY 1245
29 0238 W5HNS 559 579 TX HENRY 178
30 0239 K0EVZ 449 559 MN DOC 861
31 0240 N0TFI 579 599 CO JESS 1232
32 0241 N6WG 559 449 CA BOB 26
33 0243 WD4MSM 559 559 IN BARRY 642
34 0244 W7JDZ 559 559 ID MAC 5W
35 0247 W4YNG 559 559 AL HAL 5W
36 0248 N7VE 549 559 AZ DAN 5W
37 0250 W2UX 559 559 SC GARY 593
TIME CALL SENT RCVD STATE NAME NR
38 0253 WA1QVM 449 449 MA JOEL 337
39 0255 W0RW 599 579 CO PAUL 2W
40 0256 KG2H 559 559 NY JIM 954
41 0257 KG2LO 449 449 NJ ROLAND 1445
42 0258 AK1P 559 569 CA PAUL 284
43 0301 KB0PTE 559 559 MO WAYNE 1058
44 0301 NU4N 559 579 KY DAVE 5W
45 0303 K1NY 559 559 NY GERRY 1208
46 0305 K2VNM 339 449 NY BOB 735
47 0307 WA9PWP 449 559 WI PAUL 127
48 0307 WB0T 559 559 IL JERRY 1268
49 0308 VE6EWM 559 559 AB EARL 1076
50 0312 NG0M 559 549 NE CHUCK 386
51 0314 W5FN 559 559 TX TIM 586
52 0315 KK5U 449 559 TX CARL 5W

53 0316 K8CV 449 559 MI WALT 935
54 0317 NA5K 559 559 TX SMITTY 84
55 0318 AD6AY 559 559 CA DAVE "2W,92"
56 0319 N2VPK 449 559 NY MARK 314
57 0320 WF4I 449 559 NC DEREK 1181
58 0322 KU7Y 559 559 NV RON 17
59 0325 VE3ELA 339 339 ON KEN 1226
60 0327 K5JHP 339 339 TX BILL 825
61 0329 WD3P 339 559 MD LARRY 1039
62 0331 N0BS 559 599 MN TOM 985
63 0333 W5XE 559 569 TX RAY 256
64 0334 AA0ZZ 559 589 MN CRAIG 1238
65 0335 W0RSP 449 569 SD ADE 4W
66 0336 AB7MY 559 559 AZ GARY 571
67 0339 W0NBU 559 579 MN RUSS 5W
68 0344 K4PYM 349 339 SC GEORGE 1297
69 0346 W7SSM 449 569 CA JOHN 1048
70 0347 W6SU 559 599 CA JOHN 48
71 0350 KQ5U 559 559 TX TERRY 5W
72 0353 N9DD 449 449 IN TOM 32
73 0356 WB0ATR 439 339 MN SCOTT 1455
74 0357 KC5RL 339 559 TX JERRY 10W

Date: Tue, 17 Feb 1998 08:37:54 -0800
From: Laura Halliday <ve7ldh@direct.ca>
To: qrp-1@Lehigh.EDU
Subject: [4049] Re: Cool Down Please
Message-ID: <34E9BCE2.1BE20EE4@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Last time I checked, packet and RTTY were still perfectly valid amateur modes. Why aren't people wowing folks with QRP packet and RTTY?

Why not develop radios that address the problem? As the bands get more crowded, co-existence (not just QRO vs QRP) will become more of a problem too. Rather than whining all the time, why not do something about it?

...laura

Date: Tue, 17 Feb 1998 08:41:08 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [4050] RE: Radio Shack Freq Counter - Help Please
Message-ID: <34E9BDA4.274A@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I thought it would be a handy tool to have. Spent some time calling around and found one about 20 Miles away. The XYL was headed that way and picked it up for me.

I made up a BNC-RG174 cable for it and attached an insulated wire to the end. If I coil this around my center wire of my dummy load and transmit, the counter reads the exact frequency. Matches the KC2 and my Kenwood freq counter exactly.

With it connected to nothing, and no transmitted signal, it reads ~50MHz in the <50 position and ~175 in the >50 position. It has done this in three different houses in two different cities. My Kenwood freq counter reads zero under the same circumstance. Is there some explanation for this?

--
73 de Jeff AC6KW
grudin@vdbs.com

QRP-L #16	Private Practice : Companion Animals and
Exotics	
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa
Cruz	
	Santa Cruz,
California	

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Tue, 17 Feb 1998 11:14:00 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: madams@facilities.buffalo.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4051] Re: 2M or 6M QRP, which one?
Message-ID: <34E9C558.3B13@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Adams, Mark wrote:

> If any of you have both bands I would appreciate a note as to which one
> is your favorite .
>

Mark, for me the choice would be easy. Six meters! Here you have an opportunity to work the world with a few watts much as can on ten meters during the better years of the sunspot cycle. During April-August and in December-January, you get a good shot at a lot of sporadic E propagation as well. When the band is open you will get out almost as well as the guy down the street with 100 watts.

Two meters is also a lot of fun but unless you have a really good antenna (large beam up high) you will be limited in what you can work with low power. Occasionally you will experience some tropospheric propagation which will give you some shots at dx but otherwise you will need more than qrp to work some of the other modes such as meteor scatter, moonbounce, scatter, etc.

Some good news. You will find cw on both bands. Cross band contacts are not at all uncommon on 6 meters and here in the midwest it is not uncommon to hear some cw at least a couple of times a week. Frequently you will hear it during contests.

I use an MFJ 9406 (eight watts?) and an R-5 vertical on six meters. I run 170 watts using a TS-940S/DEM transverter to an Eggbeater on two meters. I have numerous qso's on meteor scatter at distances of more than 1000 miles.

Either way you will have fun but with qrp I think you stand to have more fun, more often on six.

73 de Dave, N0IT

Date: Tue, 17 Feb 1998 11:13:12 -0600
From: "Claton Cadmus" <aplitech@spacestar.net>
To: <marion@montana.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4052] Re: RTTY
Message-ID: <056e01bd3bc8\$3de41e20\$accebfce@groucho>

Roy,AB7CE wrote:

>Turned on the sierra for some QRP before work this morning, and RTTY
>dead on 7.040. Rest of the band not in use,so I moved up some. I guess its a
>sign of the times, and I was foolish to think that hams would remain
>gentlemen.

First you have assumed that 7.040 is exclusively QRP CW, it is not. The RTTY gentleman was using the "RTTY DX Window" which we share according to the "Considerate Operator's Frequency Guide" from the ARRL Operating Manual 1997 edition. Discussions of moving the QRP calling frequency on 40 meters are available in the archives.

I would like to encourage everyone on the list to purchase the ARRL Operating Manual and review it. Many of the problems I see complained about are already covered or have an explanation. Also, and I've said this before, complaining here does nothing to educate Digital Ops about QRP and the CW subbands. You all have the tools to get the digital ops callsigns, and write "very" friendly letters referencing the "Considerate Operators Frequency Guide" and steer the offending digital op to being a better Amateur. When was the last time you learned you did something wrong when the complaint was posted on the RTTY email list???

73 de Cla KA0GKC

Date: Tue, 17 Feb 1998 12:27:26 -0500
From: "Richard E. Robinson" <rerobins@newmail.uncc.edu>
To: jamesd1@flash.net
Cc: qrp-1@Lehigh.EDU
Subject: [4053] Elmer and Simpson 260
Message-ID: <v03102805b10f782adfa7@[152.15.144.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Who is the elmer that
>won't let me use my old analog Simpson 260??

Anyone who doesn't appreciate the value of a Simpson 260 in the shack,
doesn't deserve the title "Elmer". :^)

72/73,

Rick kf4ar

"I'll give up my Simpson 260 when they ... " You know the rest.

Date: Tue, 17 Feb 1998 11:24:04 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: ve7ldh@direct.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4054] Re: Cool Down Please
Message-ID: <34E9C7B4.3770@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Laura Halliday wrote:

>
> Last time I checked, packet and RTTY were still perfectly valid
> amateur modes. Why aren't people wowing folks with QRP packet
> and RTTY?
>
> Why not develop radios that address the problem? As the
> bands get more crowded, co-existence (not just QRO vs QRP)
> will become more of a problem too. Rather than whining all
> the time, why not do something about it?

Laura, I believe two digital modes, Pactor and Clover, can lower the
power automatically if the connection between the two stations is strong
enough. The idea is to use the minimum power needed to maintain the
link.

I have tried Pactor a couple of times and found that I could maintain a
link fairly easy with qrp.

73 de Dave, N0IT

Date: Tue, 17 Feb 1998 10:31:09 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU, cqclist@lists.csn.net
Subject: [4055] CQC Swap List
Message-ID: <199802171730.KAA20638@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The CQC swap list has been updated. It's available on the web at <http://www.mtechnologies.com/cqc> or by email subscription (just send me a note if you want to be put on the list).

There seem to have been some problems getting the list emailed this time, so if you got or get more than one copy please accept my apologies.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382
--

Date: Tue, 17 Feb 1998 09:26:12 -0800
From: dave_epps@juno.com
To: ki7mn@dancris.com
Cc: qrp-1@Lehigh.EDU
Subject: [4056] Re: Digi 'stuff'
Message-ID: <19980217.093107.6750.0.dave_epps@juno.com>

I just got my Fists number 4406
dave ab5pc fresno, ca.

On Tue, 17 Feb 1998 07:21:55 -0700 (MST) Bob Hightower
<ki7mn@dancris.com> writes:
>At 08:50 AM 2/17/98 PST, you wrote:
>
>>Fists membership is going up through the roof. I joined
>>a year or so ago, and my membership # is 2644. They are

>>over 4000 now.
>>
>
>Speaking of FISTS, did anyone else hear the guy calling 'CQ FISTS'
>smack dab
>on 7.040 Saturday? Stayed there for a couple of hours late afternoon.
>
>73,
>Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
>NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
><http://www.dancris.com/~ki7mn>
>
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 17 Feb 1998 09:31:03 -0800
From: dave_epps@juno.com
To: wb7whi@triax.com
Cc: qrp-1@Lehigh.EDU
Subject: [4057] Re: RF probe question
Message-ID: <19980217.093107.6750.1.dave_epps@juno.com>

There is a good article to build a high impedance analog test meter in
the
Mar. '98 73 mag.
dave ab5pc fresno, ca.
On Mon, 16 Feb 1998 18:07:20 -0800 "Wayne Barnhart" <wb7whi@triax.com>
writes:
>First, for those that don't have an RF probe for their meters there is
>an
>article in 73, the Nov 96 issue that explains how to design the probe
>for
>the specific input resistance of your meter. Now, about the probe
>itself...
>I know it is traditional for the RF probe to be a combination of probe
>and
>circuitry but I was wondering if this was a design by necessity. I was
>thinking of cutting a pair of test leads in half and building the
>circuitry

>device with a gosinta and a comesouta to which the leads would be
>attached
>or hardwired in. This would offer the advantage of having standard
>test
>probe ends on which things could be attached, like alligator clips
>and,
>well things.
>Otherwise I be looking at a nail, some dowel and a 5in. section of 1/2
>inch
>copper tubing and lots 'o black tape.
>
>Thanks
>
>Wayne WB7WHI
>Spokane, Wa.
>
>
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 17 Feb 1998 11:34:21 -0600
From: "Claton Cadmus" <aplitech@spacestar.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [4058] Re: rf probe
Message-ID: <058301bd3bca\$58a9d680\$accebfce@groucho>

It has been pointed out that a 1N4007 is a very poor choice for an rf probe.
So if anyone was going to use one please don't. 1N914, 1N4148 have been
offered as reasonable choice to get higher reverse voltage. I should have
used one of those and intend to change it. A 1N4148 has a reverse voltage of
100
and should be good up to about 20 watts or so across a 50 ohm load. Any
thoughts on better diodes choices or probe circuits that handle higher power?

73 de Cla KA0GKC

Date: Tue, 17 Feb 1998 17:10:53 GMT
From: k8cv@juno.com
To: marion@montana.com
Cc: qrp-1@Lehigh.EDU
Subject: [4059] Re: RTTY
Message-ID: <19980217.173728.3270.2.k8cv@juno.com>

It is futile.....like ROAD RAGE there is just nothing you can
do about it.....

I operate RTTY , HIGH POWER CW AND SSB DX and most of the operators could
care less about me or anyone else, it is a GET OUT OF MY WAY I'M MORE
IMPORTANT THAN YOU world out there. You did the right thing, just move a
bit and get on with it.

Most of the time my expensive gear sits around and I'm off on the qrp
portions of the band with my sierra also. It is just an amazing rig and
can't wait until I can get a K2 from Wayne and co. Qrp has given me a
whole new lease on life and ham radio, it is what it's all about. Make it
your self and then sit back and make contacts and say ": WOW " !

Those RTTY guys are contesting and sure don't hear your weak signals in
EUROPE so you do have to cut them some slack. If you were running a KW
they would hear you and NOT start up on top of you as that would be
counter productive for them. They DO want a clear frequency if possible.
They DO want to make Q'S!! Lots of them if they are serious testers.

Walt K8CV

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 17 Feb 1998 12:50:17 -0500
From: "Howard M. Sherer" <howardsh@ptdprolog.net>
To: qrp-1@Lehigh.EDU
Subject: [4060] [Fwd: Antenna tuners FS]
Message-ID: <34E9CDD8.15292255@ptdprolog.net>
MIME-Version: 1.0

Content-Type: multipart/mixed; boundary="-----09ECFE58E605BBC9480A4EC4"

This is a multi-part message in MIME format.

-----09ECFE58E605BBC9480A4EC4

Content-Type: text/plain; charset=us-ascii

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-----09ECFE58E605BBC9480A4EC4

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Return-Path: <howardsh@ptdprolog.net>

Delivered-To: howardsh@ptdprolog.net

Received: (qmail 19415 invoked from network); 17 Feb 1998 17:47:58 -0000

Received: from du60.iro.ptd.net (HELO ptdprolog.ptd.net) (204.186.7.60)

by srv1-95.ptd.net with SMTP; 17 Feb 1998 17:47:58 -0000

Message-ID: <34E9CD00.9E883FFA@ptdprolog.net>

Date: Tue, 17 Feb 1998 12:46:41 -0500

From: "Howard M. Sherer" <howardsh@ptdprolog.net>

X-Mailer: Mozilla 4.01 [en] (Win95; I)

MIME-Version: 1.0

To: qrp-l@lehigh.

Subject: Antenna tuners FS

X-Priority: 3 (Normal)

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

MFJ Versa Tuner II \$50.

Ten Tec Model #247 \$50.

Both of these tuners have the same specs.

No SWR meter

3-30 Mhz. 250Watt

Balun for single wire, balanced line, and coax input

Prices plus UPS

Howard AE3T

Allentown, PA

-----09ECFE58E605BBC9480A4EC4--

Date: Tue, 17 Feb 1998 09:04:33 -0800
From: "Earl S. Mead" <k6esmead@pacbell.net>
To: gregoire@endor.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4061] Re: jamming
Message-ID: <34E9C321.A068FF5E@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

gregoire@endor.com wrote:

-----SNIP (for brevity and certainly not for content)-----

> I prefer to use stealth and cunning rather than
> the brute force method. Although I must admit,
> I have entertained evil thoughts,(momentarily)
> when a jammer messes up my signal on a clear band.
>
>
> de AA1IK, Time the accursed enemy of man,
> cursed youth for going to slow
> Ernie Gregoire and by the old for going to fast.
>
> R.R. 1, Box 221,
> South Rd. Fists # 2644,ARCI # 9500
> Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,
> Promise Keeper.
>
> E-mail address: gregoire@endor.com
>
> packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA
>
> -----
> 02/17/98 09:15:37

Hi Ernie:

"Age, experience and cunning will win over youth, inexperience and enthusiasm" is what I hear most of the time.

--

73s, CUL, Earl, K6ESM

The pessimist curses the darkness in the tunnel; the optimist thinks a light is at the end of the tunnel; the opportunist finds the light and turns it on; the explorer sees railroad tracks; the developer builds a station; the entrepreneur sells tickets for the train; the consumer buys a ticket and rides the train. Ah, the wonder of it all.

North Hills Radio Club
The BEST Amateur Radio Club in the world.
<http://www.K6IS.org>

Date: Tue, 17 Feb 1998 10:03:37 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [4062] Binocular toroid winding
Message-ID: <199802171803.KAA01926@heracles.llnl.gov>

The KN6VO and subsequent articles having to do with increasing the power of the NC40A refer to a binocular toroid transformer. The reference given, W1FBs QRP Notebook, (1991) p. 124, is not in my collection. Could someone who has that booklet and/or who knows how to wind such please help me out.

The 10-turn counter added to the 10-turn pot already in the NC40A REALLY helps. Thanks, guys.

Please reply direct as I am on digest mode.

Allan K7GT k7gt@qsl.net

Date: Tue, 17 Feb 1998 12:51:47 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Scott M Cronin <lefty@bc.seflin.org>
Cc: Kevin Bunin <p014455b@pb.seflin.org>, QRP-L Reflector <qrp-l@Lehigh.EDU>, caribdiv <caribdiv@grouper.batelnet.bs>, CQ-Contest Reflector <cq-contest@contesting.com>, Jim White <k4oj@ij.net>, Ron Wetjen <wd4ahz@gte.net>, DX Reflector <dx@ve7tcp.ampr.org>, Subject: [4063] Re: C6A DXpedition (K4PG & N4BP)
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Feb 1998, Scott M Cronin wrote:

>

> i will be home this weekend, plan on single band 20 meter

Hi Scott, Give Kevin and me a quick QSO on 40 & 10 anyway.

>

> please take some pictures of the location in bahamas .

> always looking for ham friendly hotel out there.

Yes, we'll take lots of pictures. My correspondence with the hotel proprietor, Lisbeth, has been very friendly and helpful (by e-mail & FAX). Rates are low at the Bell Channel Inn and we will have access to the roof of their three story building.

CU on 10?

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o0o-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 17 Feb 1998 12:13:17 -0600

From: Dave Sjolín <sjolin@swbell.net>

To: marion@montana.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [4064] Re: RTTY

Message-ID: <34E9D33D.50EB@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

marion@montana.com wrote:

>

> I can't understand the dislike most hams have for cw. I am poor at it
> but am practicing every day to improve. I have hit that 20-25wpm block.

> I enjoy the QRP part of the hobby, and am sad to see the other modes pushing
> us out. Turned on the sierra for some QRP before work this morning, and RTTY
> dead on 7.040. Rest of the band not in use, so I moved up some. I guess its a
> sign of the times, and I was foolish to think that hams would remain
> gentlemen.

> I have loved radio all my life, and will continue to promote the spirit of
> goodwill in Amateur Radio. My 2cents.

I disagree. Most of the stations that one hears on rtty during a rtty contest or chasing dx on rtty do operate and enjoy CW. The fact that you hear them occasionally operating rtty says nothing about whether they like or dislike cw. In fact, you are more likely to find more cw operators among those operating rtty than among those operating SSB.

As far as the calling frequency is concerned, part of the problem could be the digital displays on our transcievers. It seems every transceiver will show a different frequency on the display when tuned to the same frequency. Some show the mark frequency, some show the space, others show the midway point between them. To add to the confusion, your display will be several khz different on the same rig if you switch from using FSK to using AFSK on LSB position. So what am I saying?? Well I guess what I am saying is that it is not clear to me that a station operating on 7040 would necessarily know that that is where he is operating. He should but

I didnt listen to 40 this morning so I have no idea who was on 7040. Could have been dx, could have been commercial or could have been someone locally just trying to cause trouble.

73 de Dave, N0IT

Date: Tue, 17 Feb 1998 13:23:19 EST
From: AlK0FRP@aol.com
To: QRP-L@Lehigh.EDU
Subject: [4065] RTTY
Message-ID: <945e4df8.34e9d599@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gang

I'm with Bill KD7S just cool the jets guys.

QRP CW freq wiped out , SS , CQWW, ARRL DX, RTTY because there is not enough room in the normal space for the contest participants.

Ok lets say the QRP contests can only be on 7.039 to 7.040. there will be QRM.

QRP contests using SSB on 14.285 , I've been there and been QRM'ed off All the nets. The Pactor guys get on .40 and .60 . it irritates me too. I just gt t PK232 and will be able to call these guys and see who they are and may even suggest they move.

The rules state no one owns a frequency Except maybe 14.230 SLOWSCAN , Just try to call cq there !!!!

Have you every been in QSO on the ARRL bullitin freq. They don't check the freq they just flip the sitch to xmit and go.

Its the caveman syndrom survival of the strongest signal and QRP is abit lacking there. QRP is a mind set of patients You Must Wait for the right moment to attack.

You can call in a DX pileup until the final blows or you can pick the correct time and moment and pounce.

We all have to live together on these bands and in a contest the streets get crowded and spill onto the side streets , so just be patient and all contests are over Sunday nite. Or go to the WARC bands where no contesting is allowed.

My 2 Cents

Al K0FRP

Date: Tue, 17 Feb 1998 10:26:07 -0800
From: Norm Melick <henmel@postoffice.worldnet.att.net>
To: ve7ldh@direct.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4066] Re: Cool Down Please
Message-ID: <34E9D63F.881C797F@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Laura Halliday wrote:

>
> Last time I checked, packet and RTTY were still perfectly valid
> amateur modes. Why aren't people wowing folks with QRP packet
> and RTTY?

Last time I checked, intentionally jamming a QSO is illegal. Why don't people wow the folks with proper station operations?

> Why not develop radios that address the problem? As the
> bands get more crowded, co-existence (not just QRO vs QRP)
> will become more of a problem too. Rather than whining all
> the time, why not do something about it?

You want to develop jam proof radios? That doesn't solve the problem of intentional jamming. Why not follow good operating practices, and proper etiquette? That's the way to co-exist. Heck of a lot cheaper and easier than throwing money at a problem created by a few bad apples.

Norm

Oh yea, nobody was whining. They were PO'd because somebody intentionally jammed their QSO.

I don't blame them.

Date: Tue, 17 Feb 1998 13:33:23 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4067] Re: C6A DXpedition (K4PG & N4BP)
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> On Tue, 17 Feb 1998, Scott M Cronin wrote:
> >
> > i will be home this weekend, plan on single band 20 meter
> Hi Scott, Give Kevin and me a quick QSO on 40 & 10 anyway.
> >
Sorry, didn't notice QRP-L still in the CC list when Scott e-mailed me.
Won't happen again. :-)

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 16 Feb 1998 22:07:03 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"<qrp-l@Lehigh.EDU>
Subject: [4068] Re: QRP in the Mountains...
Message-ID: <34E91AF7.F8F@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

IMHO...1/2 wavelength of wire w/small counter poise/radial and mini LC

tuner(Rainbow) only takes a few minutes to erect and get a signal into the air. If I know I'm going to be somewhere and stay for awhile then the dipole is great.

73 Steve

--

CUL Steve/n0tu . .

Solar powered QRP/CW

"Camping" in Monument, CO....email:N0TU@webaccess.net

Date: Tue, 17 Feb 1998 23:34:10 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [4069] Norcal Sierra Lives!! (long)
Message-ID: <34EA80E2.6A62@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No it's not a long-delay email echo...

I found an unbuilt Norcal Sierra 2 weeks ago and just built it.(story follows)

Down the home stretch...

Last night at 9:45pm I had one more toroid on the 40m band module to go. the main board was loaded and ready to go. 10pm is my usual bedtime since I get up around 5am! But I was near the "turn on" stage, so I decided to go for it! The toroid went faster than I expected. After 15 of those guys ya just gotta get a little faster! ...a little after ten I did another 30 minute check over of components...no mistakes! Yes!

11pm...I fed it power and watched the current... 35ma ...good sign!

11:30pm...2 watts into the dummy...Alright!!

11:45pm..Rx comes alive...but just hearing lotsa QRN but not many sigs...compare my argosy and yup.. the band is pretty much gone. Man is the xtal filter razor sharp!

12:00 Having trouble brushing my teeth because of the HUGE smile that

stretches across my face. =8)

12:15... Unclip the gelcell from the Sierra and drift off to dreaming about keyers, readouts, ABX mod, swr indicators etc....

6:00am... With a hot cup of coffee in hand, I fired up the wood stove (45* here the barn) and the Sierra...the band was booming ...heard the F and C beacons about S4! Big signals all over the place 7040 was clobbered...Listened for awhile untill I just couldn't stand it anymore....I hammered a few fieble CQ's under all the QR0. BANG!... K5JD slams back his QR0 sig (50w) and I had my very first Sierra QS0!!! Gang let me confirm once again... it doesn't get any better than this...Like some on the list has as their signature...I know the guy who built my radio!! I'm him!

Sri for the lengthy display of emotion but can't contain myself...YAAH0000EE!!!!

I'm not finished yet...I've got the chassis to assemble and label. Also need to do a proper alignment on it...only 6 more modules...hmmm, that's 50 some toroids! YIKES! I'll be a "pro" at toroids by the time I finish this project! Last night I just tweaked till I heard my 49er 100Mw sig coming thru the RX. WHAT THRILL! ...I'll put up some pics as soon as it's photogenic. THANKS to the KG5N and K0SU (local Sierra-ites) and the list for the moral support and just being a great bunch of Elmers!!
...more to follow...later

Thank You Norcal!!!! Steve/n0tu

--

Solar powered QRP/CW

"Camping" in Monument, CO....email:N0TU@webaccess.net

Date: Tue, 17 Feb 1998 13:39:19 -0500
From: Nick Franco <kf2ph@bnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [4070] FOX: W5FN and SMiTe stuff
Message-ID: <34E9D957.1586DE1E@bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well last night was very strange. I was working on finishing my

KnightSMiTe. I had to put the connectors on it and test it out. I have output and I hear signals out there. I haven't made a contact yet and I'm trying to figure out how to adjust the offset to someplace reasonable.

While I'm calling CQ and playing around on 80m I decided to look at the Fox Schedule hanging on the wall. Wow! There's a Fox Hunt tonight - Yep, there it is Feb 17 0200 - 0400 UTC KK5R0. So in a slight panic, I

flip the Icom on and over to 40m I go. I'm listening and listening and adjusting filters, etc (you know the story). I hear someone give a Fox-like exchange and listen real hard. Nothin' - I didn't get on 40m until 0305 so I'm listening real hard now.

Then I heard what sounds like a CQ Fox but from a W5 call not KK5. I'm thinking maybe a callsign change or something. Maybe I'm hearing the other end of the Q. There it is again CQ Fox W5FN? So, I think maybe I'll figure it out later and just try to work him now. I send my call and bingo, work Tim. Good ears Tim, you were in the mud here on Long Island and I figure I wasn't too strong to you either with the returned 339 report. But we made it. When that happens - I just turn the rigs off and go to bed. It don't get much better than this :-)

Well the SMiTe is a fantastic little kit. I enjoyed putting that together. I wouldn't have even gave it a thought cuz I thought you needed all special equipment and all that. There's a lab in my work building that now has the latest SM equipment. So I figured I'd give it

a shot. When the kit came I read the instruction and looked at the parts (very nicely laid out on a placement chart by Bob AE4IC). I decided to just use my soldering iron and tweezers and the thin solder that was included in the kit. In one lunch time, I put all the on-board components in place and just had to add connectors. What a great experience. I can't wait to try more surface mount stuff now. In

fact I want to make all add-ons and mods using SM components. You can take the PC board when you're done and just foam tape it to the bottom of the tin if you want. There's no little component leads sticking off the bottom of the board. This stuff is great. All old hat to you heavy

duty builders, but a revelation to me.

My wife gave me a tin of Altoids mints for Valentine's Day so I could have the tin. Now that's love. I scrambled around to find a nice little container to put the mints into and use the tin for my SMiTe. I can fit the SMiTe, the connectors and the 9V battery, and probably some of the mints too into the same Altoids tin.. What a blast. Thanks

KnightLights. We gotta have more SM kits and projects coming out soon.

Have a great day all ,
Nick - KF2PH
QRP-L # 13 . .

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Tue, 17 Feb 1998 12:39:17 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [4071] QRP DX!!!
Message-ID: <34E9D955.9720FE51@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Guys,

Am doing the happy dance around the room at this very moment!!!! Just finished sneaking my way through a great pile up to work C91LCK in Mozambique! Just used a little of the old Fox chasing techniques and lo and behold bagged me a new DXCC country QRP! (Have 85 QSLed so far QRP so if I can a card out of this one will only need 14 more!)

This was done on 15 meters which is open to Europe at this time. Almost added another one too. Heard OX3LK in Greenland call CQ. Missed him on the first call and then he really had bad luck. After he worked only 2 stations he sent that he had to QRT. What rotten luck! Almost had another one though. It is sure nice to see the 15 M band open.

73/72

Lynn, KJ3V
Birmingham, AL

Date: Tue, 17 Feb 1998 12:44:57 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: madams@facilities.buffalo.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4072] Re: 2M or 6M QRP, which one?
Message-ID: <34E9DAA9.E97C3DE9@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mark,

My favorite band of the 2 is 6 meters. In my area there seems to be a lot more 6 meter activity than 2 meter activity. Also when the bands start to open up usually I see things get real hot on 6 M and may not even have openings on 2 M. So I get a lot more QSOs on 6 M. Also with the number of new rigs out there that have 6 M capability on them in addition to HF bands I think one would see many more hams on 6 than on 2.

Now this is just my \$0.02 worth and your miles may vary etc.

In either case I think there is lots of fun to be had, which is the name of the game anyway.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Tue, 17 Feb 1998 12:51:29 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: aplitech@Spacestar.Net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4073] Re: RTTY
Message-ID: <34E9DC31.7098@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Claton Cadmus wrote:

>
> I would like to encourage everyone on the list to purchase the ARRL Operating
> Manual and review it. Many of the problems I see complained about are
> already covered or have an explanation. Also, and I've said this before,
> complaining here does nothing to educate Digital Ops about QRP and the CW
> subbands. You all have the tools to get the digital ops callsigns, and write
> "very" friendly letters referencing the "Considerate Operators Frequency
> Guide" and steer the offending digital op to being a better Amateur. When was
> the last time you learned you did something wrong when the complaint was
> posted on the RTTY email list???

If you write the letters I think you would do better to:

1) Remind the rtty ops that there are weak cw signals also operating in the RTTy dx window and ask that they check the frequency for cw as well as rtty before calling cq.

2) Ask them to consider NOT answering other US stations when operating in the dx window. keep the window for intercontinental qsos. I will post this suggestion to the rtty reflector.

3) Ask them to avoid 7040 specifically. (BUT DONT EXPECT THEM TO GIVE YOU 2 OR 3 KHZ EITHER SIDE OF 7040)

If you preach to them or curse them or tell them they are inconsiderate operators because they are not following your band plan, that will create more problems. They have received hate mail in the past from some qrpers and this has been counter-productive.

During last weekends contest, one W1 qrper was giving out points and then telling the rtty ops they were inconsiderate to operate below 7070. He went on to tell them they should operate the Internet since they were using computers and were therefore not real hams. This was the highlight of the contest for the rtty op who mentioned it on the reflector. THINK GUYS! ARE YOU MAKING THINGS BETTER OR WORSE.

73 de Dave, N0IT

Date: Tue, 17 Feb 1998 11:48:55 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [4074] Re: Cool Down Please

Message-ID: <Pine.LNX.3.96.980217114819.21334C-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Feb 1998, Bill Jones wrote:

> don't believe terms like digi-jerks and digi-droids belong here. Okay,
Digi-jerks, no... Digi-droids, yes!

I think "digi-droid" is a 'cute' term... :) I kinda like it...

```
=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
      DM13         |                      Chief Architect and Project Founder
      QRP-L #1447  |
```

Date: Tue, 17 Feb 1998 13:59:42 EST
From: K5BDZ@aol.com
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU
Subject: [4075] FS: Tejas Kits
Message-ID: <4ce465b8.34e9de20@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Still have two Tejas Kits variable audio filter kits. These were spoken for over a month ago, but no follow-thru order from e-mail purchasers in the month since, so they're back on the market.
These Tejas Kits audio filters do not have enclosures, but DO HAVE PC board, all parts, construction/operation manual, etc. GREAT for building into your xcvr kits or for making external speaker console for multi rig use.
\$19.00 each plus \$4 shipping (if you buy both only one shipping charge)
Bill, K5BDZ
k5bdz@aol.com

Date: Tue, 17 Feb 1998 11:56:03 -0800 (PST)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Norm Melick <henmel@postoffice.worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4076] Re: Cool Down Please
Message-ID: <Pine.LNX.3.96.980217115242.21334E-1000000@topaz.axisinternet.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> Last time I checked, intentionally jamming a QSO is illegal. Why
> don't people wow the folks with proper station operations?

Problem is, there are times when you can't HEAR the other station, no matter how long you listen. If you can't hear them, then how do you know you're jamming?

There are too many variables when pressing this issue, so as far as I'm concerned, it's a dead issue.

> You want to develop jam proof radios? That doesn't solve the
> problem of intentional jamming. Why not follow good operating

Spread-spectrum does one HELL of a job at doing this, though! :)

> Oh yea, nobody was whining. They were PO'd because somebody
> intentionally jammed their QSO.

Can you prove they intentionally jammed a signal?

I remember my first CW QSO. I couldn't hear anyone on the frequency in use. So I called CQ, and got a response. So far so good.

But I receive a QSL card from another person, with the comment that I clobbered their existing QSO. Go figure.

> I don't blame them.

Agreed, and if it can be proven, then proper disciplining is called for. But unless you can prove it beyond a shadow of a doubt, then there's nothing you can do but complain, and frankly, I didn't join this list to hear people complain.

```
=====
KC5TJA/6      |                               -| TEAM DOLPHIN |-
DM13          |                               Chief Architect and Project Founder
QRP-L #1447   |
```

Date: Tue, 17 Feb 1998 14:07:34 EST
From: K5BDZ@aol.com
To: K5BDZ@aol.com, qrp-l@Lehigh.EDU

Subject: [4077] FS: Timewave DSP-59
Message-ID: <3f4df52b.34e9dfffb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

For Sale: One Timewave DSP-59 audio filter. now that I have finished my audio filter comparasons, This is my favorite of all the FANCY DSP audio filters. In fact, this is the filter I would build into a permanent main station speaker console, and the removable front panel would easily mount on any speaker enclosure with space for such, giving a very professional appearance!
Reason for selling: Am moving and selling down to bare bones ham radio eqpt.
Price: \$110 including new manal.
Bill, K5BDZ
k5bdz@aol.com

Date: Tue, 17 Feb 1998 15:10:10 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Lynn Simons <lsimons1@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4078] QRP DX!!! - and 12 meters, too!
Message-ID: <Pine.LNX.3.95.980217150357.16890B-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It sure as heck is nice to see them upper bands opening up again.

Went to do something with dad this morning, and on the way to work, in a pouring rain, worked Hungary & Poland on 15, and then went to see if 12 and/or 10 were open. 10 sounded poor, but 12 was a rockin' and a rollin.

Snagged (or he snagged me) LA5CBA in Oslo on the 1st call, he with a rotatable dipole and me with just the Scrwedriver on the car.

I should also mention this one...driving to UPS the other night, I heard this LU-call on 30m. I got 'im, and the call was LU1ZC. Yesterday, I realized it wasn't Argentina but the South Shetland Is. Antarctic Research Station on Deception Island.

Yes, it sounds like a Disney thing, but it's a new one for me!

QRP works, even from the car. Efficiency is everything.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 17 Feb 1998 19:25:31 +0000
From: "Brian K. Short" <shortckt@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [4079] LDG Cabinets?
Message-ID: <199802171925.MAA00601@smtp04.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Need 1 ea cabinet for LDG AT-11 Qrp and Qro auto-tuners (direct pse).

Date: Tue, 17 Feb 1998 13:01:12 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Bill Risch <brisch@mn.uswest.net>
Cc: qrp-l@Lehigh.EDU
Subject: [4080] Re: Oscillator problem
Message-ID: <Pine.SOL.3.91.980217125844.4125A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill,
To sustain oscillation on the NE602 (or any Colpitts oscillator),
try increasing the value of the colpitts feedback capacitors ...
the ones between pins 6 and 7, and from pin 7 to ground. The
higher the value (say from 47pF to 100pF), the more feedback
voltage to sustain oscillation.

GL, Paul NA5N

Date: Tue, 17 Feb 1998 13:17:11 -0700
From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4081] That was close...
Message-ID: <34E9F047.D714CCF0@theriver.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

It looks like some people are not as fond of homebrewed rigs as we are.
I was just perusing the newslinesite, and saw:

http://www.arnewslinesite.org/newslinesite_archives/cbbs1067.txt

72

--

Andy Fox, KK7HV
mailto:foxes@theriver.com
<http://personal.riverusers.com/~foxes/>

Date: Tue, 17 Feb 1998 15:21:32 -0500
From: siegrist@rock.enet.dec.com (Dave Siegrist d225-6493)
To: "qrp-1@Lehigh.EDU"@DS.enet.dec.com
Cc: SIEGRIST@ds.hlo.dec.com
Subject: [4082] unbuilt ohr scf for sale
Message-ID: <9802172021.AA04234@ds.hlo.dec.com>

Hello folks,

I have an OHR SCF unbuilt which I would like to sell. OHR has discontinued this filter because the MF8 ic's are no longer available. Far Circuits has the IC's. for \$8.00.

I would like \$60 for the unbuilt filter with all the original packaging etc. I would be glad to build it, if you would rather have it put together, and working.

Please let me know.

BTW, I have built a SCF using the MF10, the next generation SCF IC. Works fine. I used the data sheet from National Semi, and the same basic design as appeared in the original QST article. I don't have a web page to post the design, but I will be glad to forward details to anyone who is interested....just let me know.

dave /nt1u qrp-1 #698 siegrist@rock.enet.dec.com

Date: Tue, 17 Feb 1998 13:35:58 -0700
From: Phil <k6ls@prolynx.com>
To: madams@facilities.buffalo.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4083] Re: 2M or 6M QRP, which one?
Message-ID: <34E9F4AE.6AA9C78E@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would go for six meteres.

potential for working several different grids when band is open.

On most good openings qrp sounds just as good as 100+w, same thing
in regards to vertical vs horizontal polarization.

more likely to have an opening on 6 than 2.

most of the VHFers hang out on 6 (looking for that 'rare' opening)

added bonus to 6m- The solar cycle is coming around again :-)

better chance of WAS on 6m.

--
73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
<http://www.qsl.net/k6ls>
<http://www.prolynx.com/k6ls>
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Tue, 17 Feb 1998 13:47:47 -0700
From: Phil <k6ls@prolynx.com>
To: rerobins@newmail.uncc.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [4084] Re: Elmer and Simpson 260

Message-ID: <34E9F773.4F801FF4@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SO, is it safe to say that mere possession of a 260 entitles holder
to admission to Elmer-dom ? ;-)

Got mine right here! Kneel before me I say ;-)

so, where do I pick up my key for the "room" and when do I get
shown the secret handshake? ;-)

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
<http://www.qsl.net/k6ls>
<http://www.prolynx.com/k6ls>
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Tue, 17 Feb 1998 14:06:53 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [4085] Re: Elmer and Simpson 260
Message-ID: <007c01bd3be8\$189dfb20\$2322a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had mine too... but the Navy made me give it back when I retired. No
sense of humor!!

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580...NorCal #????
AK/QRP #352

Date: Tue, 17 Feb 1998 15:32:54 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [4086] Re: That was close...
Message-ID: <3.0.5.32.19980217153254.008fd2b0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

So

"When homebrewed rigs are outlawed, only outlaws will have homebrew rigs?"

Smile, all you outlaws.

Ed, N5EM
Houston Outlaws QRP Club
(sounds like a bunch of bikers)

. . . nah, we really didn't change the name . . . yet.

Date: Tue, 17 Feb 1998 16:46:43 -0500 (EST)
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
To: Multiple recipients of list <qrp-1@Lehigh.EDU>
Subject: [4087] Hawaii on 40
Message-ID: <Pine.3.07.9802171643.A769-91000000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Doing the happy dance here in Ohio. Yesterday morning at 0800Z worked KH6IB on 40 meters. Band was very stable and we chatted for half an hour. He was a solid 579 and I received a 559. Randy KH6IB has a yagi for 40 meters which is located on a hill giving him an antenna height of well over 100 ft. I was using my OHR-400 and a Carolina Windom at 50 ft.

Only need KL7 to complete QRP WAS.

73, Steve K8IDN

Date: Tue, 17 Feb 1998 16:02:13 -0600
From: Barbara Spencer <bspencer@tcjc.cc.tx.us>
To: qrp-1@Lehigh.EDU
Subject: [4088] My Surprise
Message-ID: <34EA08E4.EC83D39B@tcjc.cc.tx.us>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was really surprised to receive so few (7) responses to my request for opinions on QRP. Thanks to those who did offer their opinion. I read the qrp-1 every day and it seems to me that the people on this list have more opinions than the average person. Everything from antennas, cw, kits, etc. to SPELLING.

If you didn't see my request, I am compiling information to hand out at our QRP special event tent at HamCom 98 in Arlington, Texas. The questions were, why qrp, best clubs, best newsletters, your favorite kit(s), best web pages. Other qrp comments.

Please reply to - barb@quadj.com

Barbara KK5QA

Date: Tue, 17 Feb 1998 15:37:58 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: barb@quadj.com

Cc: qrp-1@Lehigh.EDU
Subject: [4089] Re: My Surprise
Message-ID: <199802172237.PAA12904@usr07.primenet.com>

Howdy,

> I was really surprised to receive so few (7) responses to my request for
> opinions on QRP. [... SNIP ...]

Subject line may have caused some folks to pass it by
in the flood of QRP-L traffic.

> If you didn't see my request, I am compiling information to hand out at
> our QRP special event tent at HamCom 98 in Arlington, Texas. The
> questions were, why qrp, best clubs, best newsletters, your favorite
> kit(s), best web pages. Other qrp comments.

The AZ ScQRPions have a 2-page (front and back, so
4-page, really) QRP FAQ, with a few blurbs on "why
QRP?", kits, suppliers, clubs, Top Ten Myths of QRP,
etc.

Perhaps that would fit the bill? Bob (KI7MN) or I
could send a copy your way and you could photocopy
to your heart's content.

Technically it's copyrighted, but free to use/copy
by any of our fellow QRPers out there. Long as you
give us ScQRPions a two-bit mention for our troubles. ;-)

Good luck and let us know how it goes!

Back to the data mines. Man, two weeks of desperately
playing "catch-up" and I'm actually falling farther
behind.... argh.... Good thing the Foxii are forcing me
to get on the air a few minutes each week. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."

- Dave Rose, Fellow Snow Camper

Date: Tue, 17 Feb 1998 17:42:13 EST
From: DENNISMO@aol.com
To: qrp-1@Lehigh.EDU
Subject: [4090] N/T+ Fox from HI
Message-ID: <48dd1b97.34ea1247@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Has anyone heard or bagged WH6CYX - the N/T+ FOX from HI?

Date: Tue, 17 Feb 1998 17:36:26 -0500
From: tracy@orlando.com (Tracy)
To: "QRP-L (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [4091] RE: Binocular toroid winding
Message-ID: <01BD3BCF.FE59A9C0.tracy@orlando.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

We call them "Multi-Aperture Cores."

When a conductor is passed through one hole, and then back through the other, it is considered one "turn." Using this method it is possible to get a one turn, center tapped coil. (not possible on a toroid.)

You can find more information at
<http://www.bytemark.com/amidon/multcore.htm>

DeMaw used to use six toroids to form one of these, two sets of three placed side by side. The single-form unit is much easier to use, and was designed for this purpose.

Hope that helps.
Tracy Markham, N4LGH
ByteMark / Amidon
#1453

-----Original Message-----

From: Allan G. Taylor [SMTP:ataylor@heracles.llnl.gov]
Sent: Tuesday, February 17, 1998 1:04 PM
To: Low Power Amateur Radio Discussion
Subject: Binocular toroid winding

The KN6V0 and subsequent articles having to do with increasing the power of the NC40A refer to a binocular toroid transformer. The reference given, W1FBs QRP Notebook, (1991) p. 124, is not in my collection. Could someone who has that booklet and/or who knows how to wind such please help me out.

The 10-turn counter added to the 10-turn pot already in the NC40A REALLY helps.
Thanks, guys.

Please reply direct as I am on digest mode.

Allan K7GT k7gt@qsl.net

Date: Tue, 17 Feb 1998 15:25:54 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-1@Lehigh.EDU
Subject: [4092] Important Dayton Info
Message-ID: <3.0.1.32.19980217152554.00dd0074@dpol.k12.ca.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Alllllllright. We have discussed and cussed a number of subjects lately, but now it is time to get down to the real nitty gritty. What was the weather in Dayton like today? What will it be like in May during the Hamvention???? Inquiring minds, (me) want to know. Hey, we almost had a Q-Dope thread going. I did just build a Herring Aid 5 receiver and it has 4 toroids that need to be held down. Any suggestions? Where has Nils been???? What about baab? Some of you guys have reverted back to being lurkers in the weeds, and you better be careful or the badgers will get you. On a more serious note, nahhh, heck with it, this is QRP and this is a hobby, it is supposed to be FUN, the Arizona ScQRPions have it right, if you ain't havin' fun, you are doing something wrong. Now, how do I HTML this????? What's the next QRP contest? Is it the Colorado Test? When will Jeff Gold post another rig for sale? Did anybody really FTB0 in the FYB0 contest? Where was K5F0 for the past 2 weeks? He said he was coming to California, but no one that I know of saw him??? Has he a new event up his sleeve? Did anyone work K5F0 the last 2 weeks??? Who won the FYB0 contest? Who took last place? What was the highest operating temperature anyone copied? I got a 77 from one guy. Have a good day. 72, Doug, KI6DS

Date: Tue, 17 Feb 1998 18:34:54 -0500
From: tracy@orlando.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [4093] RE: That was close...
Message-ID: <01BD3BD2.CDA426E0.tracy@orlando.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Aren't there several countries that REQUIRE amateur op's to build their own gear?

Tracy Markham, N4LGH

-----Original Message-----

From: Andy Fox [SMTP:foxes@theriver.com]
Sent: Tuesday, February 17, 1998 3:17 PM
To: Low Power Amateur Radio Discussion
Subject: That was close...

Hi,

It looks like some people are not as fond of homebrewed rigs as we are.
I was just perusing the newslinesite, and saw:

http://www.arnewslinesite.org/newslinesite_archives/cbbs1067.txt

72

--

Andy Fox, KK7HV
<mailto:foxes@theriver.com>
<http://personal.riverusers.com/~foxes/>

Date: Tue, 17 Feb 1998 18:27:44 EST
From: ALK0FRP@aol.com
To: qrp-l@Lehigh.EDU
Subject: [4094] New QRP Radio

Message-ID: <ee7c1bc1.34ea1cf3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

A new radio to solve everyones problems.

1. 160-10 w/ warc bands, digital read-out, keyer
2. Digitized CW, SSB, RTTY, Amtor , Pactor, SSTV, FM, AM, PM, VSB Video, and spread spectrum. 16 QAM and 16 VSB future options Full DSP on RX
3. 100mw.
4. Operatses on a 9v battery 10ma current on RX 60ma on Xmit, a bit less power with rechargeable nicads (92mw typical)
5. 19 in whip antenna, internally optimized for all bands , included
6. Will not hear any station unless that station has the new rig or is QRP and has the super sonic electronic radiophonic stealth DSP option plugged in. (Option 2B)
7. Can be over-riden by option switch 1A to hear new DX stations and new states.
8. Other stations will not hear you unless they have new rig or option 2B
9. No noise is heard even on 160m
10. No QSB or QRM because once contact is initiated the Error Correction DSP Image Steath Microprocessor, takes over (ECDISM), no other station, even other QRP stations can be heard.
11. Priced at an affordable \$100. KIT FORM 9v Battery not included. Options , mike, keyboard (accepts Keyboard DIN), paddle (built in keyer), video camera and printer. Monitor sold separately not an option, (available at any computer store) and Carrying Case in Black fabric with velcro and a shoulder strap.
12. 4 x 3 x 2 inches weight 7 oz (great for backpacking)

It may take a while to get this to market , have to design it, buy the parts for the prototype and give out parts for others to build so I can work somebody, build it, troubleshoot it , build series A,B,C and market it. Please Send all your unused MONEY to ME for product development. NO GUARANTEES OF RETURN ON INVESTMENT. Years in the making , But keep going to Dayton for future anouncements
BUT THIS RADIO WILL SOLVE ALL PROBLEMS EXCEPT
IT WON'T BE FUN ANY MORE.

AL K0FRP (Its not even the first week in July)

Date: Tue, 17 Feb 1998 17:37:49 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)

To: qrp-1@Lehigh.EDU
Subject: [4095] Need computer cw EXPERT ADVICE
Message-ID: <199802172337.RAA05565@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hIGH everybody:

I would like to put my qrp-plus on computer generated cw. (been wanting to try this for a while) but don't know which way is up.

I have a computer, I have a modem (actually 2) I have the program from the arrl hand book in my computer....

Is it possible to get the audio from the qrp-plus through my modem and to the program in the computer.

Can I get it to actually xmit from the computer?

If I can get this working I should be able to find a rtty program somewhere and try that also.

Can someone give me some help on this??? Please, Please, Please...

Thanks Joel

God Bless
Joel

WA5CVM	Gentlemen don't Cry, They QSY :-)
Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542	80 mtr dipole up 50ft
Strong, Maine 04983	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

Date: Tue, 17 Feb 1998 15:40:23 -0800
From: Conrad <radman@best.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [4096] RS #22-305 Freq Counter ?
Message-ID: <01BD3BBA.62E9FEA0@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

A QRP buddy of mine missed the news re: #22-305 sell-off price.
Anyone know of a RS store that might have one? Anywhere?
(Local RS resources are depeleted.)

Could you email me OFF-line... thanks in advance!

72 -- Conrad -- nn6cw.

Date: Tue, 17 Feb 1998 18:47:47 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [4097] Source of RF Propagation Charts?
Message-ID: <34EA21A3.7E21841A@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had located a few months ago an excellent source of Amateur Radio RF propagation charts at <http://world.att.net/~jerhall/charts/>. The site apparently no longer exists. I remember that you clicked on two areas of the globe, and then obtained a color chart.

Does anyone have the updated URL, or another URL of a similar site?

Steve, W2MY

Date: Tue, 17 Feb 98 15:52:58 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: jdenison@morelr.com
Cc: qrp-l@Lehigh.EDU (qrp)
Subject: [4098] Re: Need computer cw EXPERT ADVICE
Message-ID: <9802172352.AA29623@wizard.ucs.sfu.ca>

Hi Joel,

Others will have to help you with the rtty, and receiving cw on the computer, but getting the computer to key the rig is relatively easy. All it takes is a 1k resistor and a 2n2222 or any npn transistor. The circuits can be found in the documentation for logging programs such as TRlog.

If you can't find the circuit locally, send your snailmail address and I'll send you a copy.

cheers, Paul VE7CQK / email: paul1@wizard.ucs.sfu.ca

>

> HIGH everybody:

>

> I would like to put my qrp-plus on computer generated cw. (been

> wanting to try this for a while) but don't know which way is up.

> I have a computer, I have a modem (actually 2) I have the program

> from the arrl hand book in my computer....

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> and to the program in the computer.

> Can I get it to actually xmit from the computer?

>

> If I can get this working I should be able to find a rtty program somewhere

> and try that also.

>

> Can someone give me some help on this??? Please, Please, Please...

>

> Thanks Joel

>

> God Bless

> Joel

>

> WA5CVM	Gentlemen don't Cry, They QSY :-)
> Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - start)
> PO BOX 542	80 mtr dipole up 50ft
> Strong, Maine 04983	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
> jdenison@morelr.com	AK/QRP 109

>

>

>

Date: Tue, 17 Feb 1998 23:54:15 +0000

From: Ed Loranger <we6w@qsl.net>

To: tracy@orlando.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [4099] Re: Binocular toroid winding

Message-ID: <34EA2327.491F@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Excellent website. I found a small error in the link you sent. Here's where I found it:

<http://www.bytemark.com/amidon/multcor.htm>

Thankyou Very Much Tracy.

-Ed Loranger

Tracy wrote:

>
> We call them "Multi-Aperture Cores."
>
> When a conductor is passed through one hole, and then back through the
> other, it is considered one "turn." Using this method it is possible to get
> a one turn, center tapped coil. (not possible on a toroid.)
>
> You can find more information at
> <http://www.bytemark.com/amidon/multcore.htm>
>
> DeMaw used to use six toroids to form one of these, two sets of three
> placed side by side. The single-form unit is much easier to use, and was
> designed for this purpose.
>
> Hope that helps.
> Tracy Markham, N4LGH
> ByteMark / Amidon
> #1453

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

End of QRP-L Digest 1004

